

APPENDIX 9.2

AIR QUALITY AND HEALTH RISK ASSESSMENTS

APPENDIX 9.2.1

AIR QUALITY IMPACT ANALYSIS



Menifee Commerce Center

AIR QUALITY IMPACT ANALYSIS

CITY OF MENIFEE

PREPARED BY:

Haseeb Qureshi
hqureshi@urbanxroads.com

Michael Tirohn
mtirohn@urbanxroads.com

JANUARY 19, 2022

TABLE OF CONTENTS

TABLE OF CONTENTS	I
APPENDICES	II
LIST OF EXHIBITS	II
LIST OF TABLES	II
LIST OF ABBREVIATED TERMS	IV
EXECUTIVE SUMMARY	1
ES.1 Summary of Findings.....	1
ES.2 Regulatory Requirements	1
1 INTRODUCTION	6
1.1 Site Location.....	6
1.2 Project Description.....	6
2 AIR QUALITY SETTING	10
2.1 South Coast Air Basin (SCAB)	10
2.2 Regional Climate	10
2.3 Wind Patterns and Project Location	11
2.4 Criteria Pollutants	12
2.5 Existing Air Quality	18
2.6 Regional Air Quality	21
2.7 Local Air Quality	21
2.8 Regulatory Background.....	22
2.9 Regional Air Quality Improvement	26
3 PROJECT AIR QUALITY IMPACT	38
3.1 Introduction	38
3.2 Standards of Significance	38
3.3 Models Employed To Analyze Air Quality.....	39
3.4 Construction Emissions.....	39
3.5 Operational Emissions	44
3.6 Localized Significance.....	50
3.7 Construction-Source Emissions LST Analysis	55
3.8 Operational-Source Emissions LST Analysis.....	56
3.9 CO “Hot Spot” Analysis	57
3.10 AQMP	59
3.11 Potential Impacts to Sensitive Receptors	61
3.12 Odors.....	63
3.13 Cumulative Impacts	64
4 REFERENCES	67
5 CERTIFICATIONS	71

APPENDICES

APPENDIX 2.1: STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS
 APPENDIX 3.1: CALEEMOD CONSTRUCTION EMISSIONS MODEL OUTPUTS
 APPENDIX 3.2: CALEEMOD SCENARIO 1 OPERATIONAL EMISSIONS MODEL OUTPUTS
 APPENDIX 3.3: CALEEMOD SCENARIO 2 OPERATIONAL EMISSIONS MODEL OUTPUTS
 APPENDIX 3.4: SCAQMD AMICUS BRIEF

LIST OF EXHIBITS

EXHIBIT 1-A: LOCATION MAP7
 EXHIBIT 1-B: SITE PLAN.....8
 EXHIBIT 2-A: DPM AND DIESEL VEHICLE MILES TREND35
 EXHIBIT 3-A: SENSITIVE RECEPTOR LOCATIONS54

LIST OF TABLES

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS1
 TABLE 2-1: CRITERIA POLLUTANTS12
 TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (1 OF 2).....19
 TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (2 OF 2).....20
 TABLE 2-3: ATTAINMENT STATUS OF CRITERIA POLLUTANTS IN THE SCAB21
 TABLE 2-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2018-2020.....22
 TABLE 2-5: SCAB O₃ TREND28
 TABLE 2-6: SCAB AVERAGE 24-HOUR CONCENTRATION PM₁₀ TREND (BASED ON FEDERAL STANDARD)¹
29
 TABLE 2-7: SCAB ANNUAL AVERAGE CONCENTRATION PM₁₀ TREND (BASED ON STATE STANDARD)¹.. 29
 TABLE 2-8: SCAB 24-HOUR AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON FEDERAL STANDARD)¹
30
 TABLE 2-9: SCAB ANNUAL AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON STATE STANDARD)¹. 30
 TABLE 2-10: SCAB 8-HOUR AVERAGE CONCENTRATION CO TREND¹32
 TABLE 2-11: SCAB 1-HOUR AVERAGE CONCENTRATION NO₂ TREND (BASED ON FEDERAL STANDARD)33
 TABLE 2-12: SCAB 1-HOUR AVERAGE CONCENTRATION NO₂ TREND (BASED ON STATE STANDARD) ...33
 TABLE 3-1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS38
 TABLE 3-2: CONSTRUCTION TRIP ASSUMPTIONS40
 TABLE 3-3: CONSTRUCTION DURATION.....41
 TABLE 3-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS41
 TABLE 3-5: OVERALL CONSTRUCTION EMISSIONS SUMMARY – WITHOUT MITIGATION43
 TABLE 3-6: OVERALL CONSTRUCTION EMISSIONS SUMMARY – WITH MITIGATION44
 TABLE 3-7: PASSENGER CAR FLEET MIX46
 TABLE 3-8: TRUCK FLEET MIX46
 TABLE 3-9: SUMMARY OF PEAK OPERATIONAL EMISSIONS49
 TABLE 3-10: MAXIMUM DAILY LOCALIZED CONSTRUCTION EMISSIONS THRESHOLDS55
 TABLE 3-11: LOCALIZED CONSTRUCTION-SOURCE EMISSIONS – WITHOUT MITIGATION55
 TABLE 3-12: MAXIMUM DAILY LOCALIZED OPERATIONAL EMISSIONS THRESHOLDS.....57
 TABLE 3-13: LOCALIZED SIGNIFICANCE SUMMARY OF OPERATIONS.....57

TABLE 3-14: CO MODEL RESULTS58
TABLE 3-15: TRAFFIC VOLUMES59

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>2016-2040 RTP/SCS</i>	<i>2016-2040 Regional Transportation Plan/Sustainable Communities Strategy</i>
AB 2595	California Clean Air Act
ADA	Americans with Disabilities Act
AQIA	Air Quality Impact Analysis
AQMP	Air Quality Management Plan
BACT	Best Available Control Technology
BC	Black Carbon
<i>Brief</i>	<i>Brief of Amicus Curiae by the SCAQMD in the Friant Ranch Case</i>
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 Menifee
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
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
I-10	Interstate 10
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 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	Menifee Commerce Center
RECLAIM	Regional Clean Air Incentives Market
RFG-2	Reformulated Gasoline Regulation
ROG	Reactive Organic Gases
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
SoCalGas	The Southern California Gas Company
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TDM	Transportation Demand Management
Title 24	California Building Code
TITLE I	Non-Attainment Provisions
TITLE II	Mobile Sources Provisions
UFP	Ultrafine Particles
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
vph	Vehicles Per Hour

This page intentionally left blank

EXECUTIVE SUMMARY

ES.1 SUMMARY OF FINDINGS

The results of this *Menifee Commerce 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 *California Environmental Quality Act (CEQA) Guidelines (CEQA Guidelines)* (1). Table ES-1 shows the findings of significance for each potential air quality impact under CEQA.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Regional Construction Emissions	3.4	<i>Potentially Significant</i>	<i>Less Than Significant</i>
Localized Construction Emissions	3.7	<i>Less Than Significant</i>	<i>n/a</i>
Regional Operational Emissions	3.5	<i>Potentially Significant</i>	<i>Significant and Unavoidable</i>
Localized Operational Emissions	3.8	<i>Less Than Significant</i>	<i>n/a</i>
CO "Hot Spot" Analysis	3.9	<i>Less Than Significant</i>	<i>n/a</i>
Air Quality Management Plan	3.10	<i>Potentially Significant</i>	<i>Significant and Unavoidable</i>
Sensitive Receptors	3.11	<i>Less Than Significant</i>	<i>n/a</i>
Odors	3.12	<i>Less Than Significant</i>	<i>n/a</i>
Cumulative Impacts	3.13	<i>Potentially Significant</i>	<i>Significant and Unavoidable</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

South Coast Air Quality Management District (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 South Coast Air Quality Management District.

SCAQMD RULE 1113

This rule serves to limit the Volatile Organic Compound (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 401

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 U.S. Bureau of Mines.

SCAQMD RULE 2305

On May 8, 2021, South Coast AQMD adopted Warehouse Indirect Source Rule 2305, which includes the Warehouse Actions and Investments to Reduce Emissions Program (WAIRE), and Rule 316. Rule 2305 establishes for the first time a regulatory program designed to reduce air pollution (and indirect GHG emissions) caused by warehouse-related activities and is focused on emissions from vehicles that service large warehouses. Rule 316 establishes a fee system to support the Rule 2305 program on an ongoing basis. Rules 2305 and 316 apply to operators and owners of existing and new warehouses with floor space greater than or equal to 100,000 square feet within a single building (i.e., large warehouses). Rules 2305 and 316 require such operators and owners to annually take actions with respect to their warehouses that either reduce emissions regionally and locally or facilitate emission reductions. Specifically, owners and operators must “earn” a specific number of WAIRE Points. However, warehouse owners are only required to earn WAIRE Points if they are also a warehouse operator. If a warehouse owner is not an operator, they are not required to earn WAIRE Points even if the operator in their warehouse does not earn the required number of WAIRE Points. Warehouse owners are only required to submit a Warehouse Operations Notification to the SCAQMD.

The number of WAIRE Points required for a specific operator is based on the intensity of operations (i.e., number of truck trips and type of trucks) at each of their warehouses every year. The required points are known as the WAIRE Points Compliance Obligation (WPCO). The WPCO is calculated based on a 12-month survey of truck trips entering or exiting the site, the truck data is weighted based on the types of trucks, and activity is projected for the next year. Thus, the WAIRE Points pay for the prior year’s emissions based on points earned in subsequent years.

WAIRE Points are earned by implementing a menu of items including purchasing/renting/leasing near-zero (NZE) and zero emission (ZE) yard equipment, installing on-site ZE fueling stations, and proving on-site solar PV systems that are intended to offset or reduce warehouse emissions. Owners and operators may also implement custom WAIRE plans for individual facilities, subject to South Coast AQMD approval; or pay mitigation fees to have the SCAQMD implement measures within the SCAB. Owners and operators that over-comply may transfer excess WAIRE Points earned in one year to a subsequent year or may transfer WAIRE points to another site within their control. WAIRE Points cannot be transferred to other operators and expire after 3 years. Rule 2305 also requires reporting information about facility operations and recordkeeping. Rule 316 is the companion rule to Rule 2305 and establishes the administrative fees that Rule 2305 warehouse owners and operators must pay to support South Coast AQMD compliance activities.

While the Project proponent may be defined as a warehouse owner and would submit a Warehouse Operation Notice(s), as required, the Project proponent does not intend to be the

warehouse operator and has no knowledge of the future operations. Thus, the specific information required by Rule 2305 for calculating the WPCO is unavailable, and the necessary number of points is unknown. Finally, The WAIRE points expire after 3 years and are based on actions of future operators and are thus temporary and cannot be relied upon for CEQA purposes. Therefore, even though the WAIRE program will reduce emissions warehouse activities in the region, no emission reductions from the WAIRE Program are accounted for in this analysis.

Although the Project would comply with the above regulatory requirements, it should be noted that emission reductions associated with Rules 402, 1301, 1401, and 2305 cannot be quantified in the California Emissions Estimator Model (CalEEMod) and are therefore not reflected in the emissions presented herein. Conversely, Rule 403 (Fugitive Dust) (2) and Rule 1113 (Architectural Coatings) (3) can be modeled in CalEEMod. As such, credit for Rule 403 and Rule 1113 have been taken in the analysis.

This page intentionally left blank

1 INTRODUCTION

This report presents the results of the AQIA prepared by Urban Crossroads, Inc., for the proposed Menifee Commerce 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 south of Ethanac Road between Trumble Road and Dawson Road in the City of Menifee. The Project location is shown on Exhibit 1-A. The Project Site is generally located east of the I-215 Freeway with the nearest residential uses located north and south of the Project site.

1.2 PROJECT DESCRIPTION

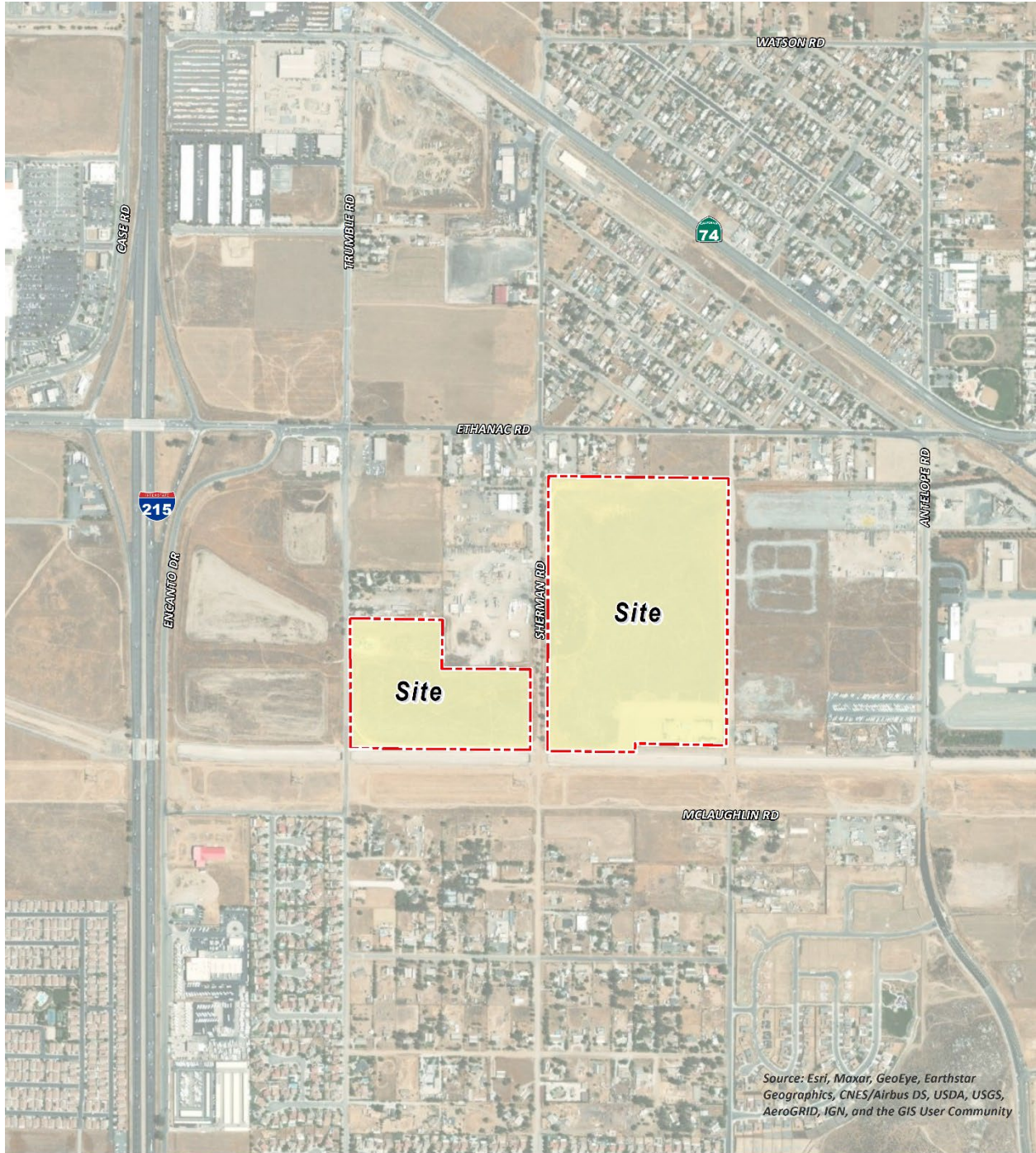
The proposed Project includes the development of two non-refrigerated warehouse buildings on approximately 72 acres. Building 1, located between Dawson Road and Sherman Road, will contain a total of 1,254,160 square feet (sf). Building 2, located between Sherman Road and Trumble Road, will contain a total of 385,970 sf. The Project site plan is shown on Exhibit 1-B. The Project is anticipated to be developed within a single phase with an Opening Year of 2024.

It is expected that the Project business operations would primarily be conducted within the enclosed buildings, except for traffic movement, parking, as well as loading and unloading of trucks at designated loading bays. This analysis includes a conservative assumption of on-site Project-related emission sources for potential future tenants, including architectural coatings, consumer products, landscape maintenance equipment, natural gas, electricity, mobile operations, and on-site cargo handling equipment. This analysis is intended to describe air quality impacts associated with the expected typical operational activities at the Project site. To present a conservative approach, this report assumes the Project would operate 24-hours daily for seven days per week.

This report evaluates two project scenarios. Scenario 1 is based on trip rates presented in the *Menifee Commerce Center Project Traffic Impact Analysis (TIA)* prepared by Albert A. Webb Associates. Under Scenario 1, Building 1 is evaluated as high-cube fulfillment center warehouse space and Building 2 is evaluated as general warehousing space. Under Scenario 1, the Project would be expected to generate a total of approximately 8,749 vehicular trips per day, which includes 470 truck trips per day (4).

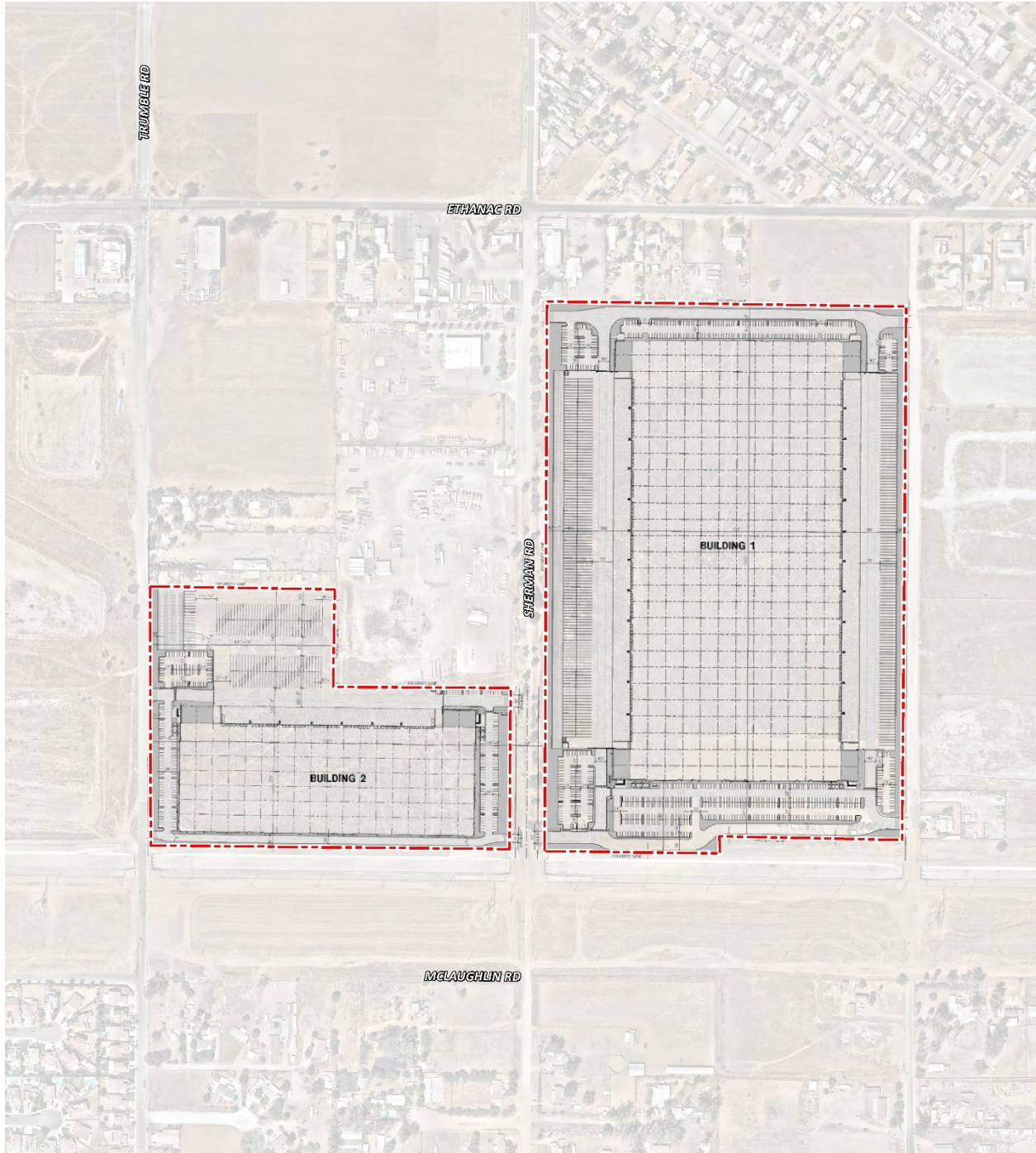
Scenario 2 is based on supplemental trip generation data provided by Albert A. Webb Associates and evaluates Building 1 as high-cube transload and short-term storage warehouse space and Building 2 as general warehousing space. Under Scenario 2, the Project would be expected to generate a total of approximately 2,429 vehicular trips per day, which includes 509 truck trips per day.

EXHIBIT 1-A: LOCATION MAP



N
LEGEND:  Site Boundary

EXHIBIT 1-B: SITE PLAN



LEGEND:  Site Boundary

This page intentionally left blank

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 (SCAB)

The Project site is located in the SCAB within the jurisdiction of SCAQMD (5). 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 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. The Los Angeles County portion of the Mojave Desert Air Basin is bounded by the San Gabriel Mountains to the south and west, the Los Angeles / Kern County border to the north, and the Los Angeles / San Bernardino County border to the east. The Riverside County portion of the Salton Sea Air Basin is bounded by the San Jacinto Mountains in the west and spans eastward up to the Palo Verde Valley.

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 NO_x and 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 (6):

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.

Criteria Pollutant	Description	Sources	Health Effects
SO ₂	<p>SO₂ is a colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant mainly as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO₂ oxidizes in the atmosphere, it forms SO₄. Collectively, these pollutants are referred to as sulfur oxides (SO_x).</p>	<p>Coal or oil burning power plants and industries, refineries, diesel engines</p>	<p>A few minutes of exposure to low levels of SO₂ can result in airway constriction in some 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.</p> <p>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.</p> <p>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.</p>

Criteria Pollutant	Description	Sources	Health Effects
NO _x	<p>NO_x consist of nitric oxide (NO), nitrogen dioxide (NO₂) and nitrous oxide (N₂O) and are formed when nitrogen (N₂) combines with O₂. Their lifespan in the atmosphere ranges from 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 NO_x 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.</p>	<p>Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.</p>	<p>Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is 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.</p> <p>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.</p>
O ₃	<p>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</p>	<p>Formed when reactive organic gases (ROG) and NO_x react in the presence of sunlight. ROG sources include any source</p>	<p>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</p>

Criteria Pollutant	Description	Sources	Health Effects
	<p>months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.</p>	<p>that burns fuels, (e.g., gasoline, natural gas, wood, oil) solvents, petroleum processing and storage and pesticides.</p>	<p>few hours) to O₃ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. 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 reside in communities with high O₃ levels.</p> <p>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.</p>
<p>Particulate Matter</p>	<p>PM₁₀: 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</p>	<p>Sources of PM₁₀ include road dust, windblown dust and construction. Also formed from other pollutants (acid rain, NO_x, SO_x,</p>	<p>A consistent correlation between elevated ambient fine particulate matter (PM₁₀ and PM_{2.5}) levels and an increase in mortality rates, respiratory infections, number and severity of</p>

Criteria Pollutant	Description	Sources	Health Effects
	<p>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 deposited, resulting in adverse health effects. Additionally, it should be noted that PM₁₀ is considered a criteria air pollutant.</p> <p>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.</p>	<p>organics). Incomplete combustion of any fuel.</p> <p>PM_{2.5} comes from 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).</p>	<p>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 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.</p> <p>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.</p> <p>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}.</p>
VOC	<p>VOCs are hydrocarbon compounds (any compound containing various combinations of hydrogen and carbon atoms excluding CO, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate) 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</p>	<p>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.</p>	<p>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.</p>

Criteria Pollutant	Description	Sources	Health Effects
	known as organic compounds) have different levels of reactivity; that is, they do not react at the same speed or do not form O ₃ to the same extent when exposed to photochemical processes. VOCs often have an odor, and some examples include gasoline, alcohol, and the solvents used in paints. VOCs are considered a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant.	Fuels are made up of organic chemicals. All of these products can release organic compounds while you are using them, and, to some degree, when they are stored.	
ROG	ROGs 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. ROGs are considered a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant.	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.

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 ^{3,8}	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	12.0 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 ...

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (5/4/16)

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

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.

For more information please call ARB-PIO at (916) 322-2990

California Air Resources Board (5/4/16)

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 37 permanent monitoring stations and 5 single-pollutant source Pb air monitoring sites throughout the air district (9). On February 21, 2019, CARB posted the 2018 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	Unclassifiable/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 the Perris Valley area (SRA 24). The Perris Valley monitoring station is located approximately 4.2 miles northwest of the Project site and reports air quality statistics for O₃ and PM₁₀. The Lake Elsinore monitoring station which is located 9.4 miles southwest of the Project site in SRA 25, records air quality data for CO and NO₂. The Metropolitan Riverside County monitoring station which is located 22.3 miles northwest of the Project site in SRA 23, records air quality data for PM_{2.5}. It should be noted that data from the Lake Elsinore and Metropolitan Riverside County monitoring stations was utilized in lieu of the Perris Valley monitoring station 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 Development Site. Data for O₃, CO, NO₂, PM₁₀,

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

and PM_{2.5} for 2018 through 2020 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 2018-2020

Pollutant	Standard	Year		
		2018	2019	2020
O ₃				
Maximum Federal 1-Hour Concentration (ppm)		0.117	0.118	0.125
Maximum Federal 8-Hour Concentration (ppm)		0.103	0.095	0.106
Number of Days Exceeding State 1-Hour Standard	> 0.09 ppm	31	26	34
Number of Days Exceeding State/Federal 8-Hour Standard	> 0.070 ppm	67	64	74
CO				
Maximum Federal 1-Hour Concentration	> 35 ppm	1.1	1.6	0.9
Maximum Federal 8-Hour Concentration	> 20 ppm	0.8	0.7	0.7
NO ₂				
Maximum Federal 1-Hour Concentration	> 0.100 ppm	0.041	0.038	0.044
Annual Federal Standard Design Value		0.009	0.007	0.007
PM ₁₀				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 150 µg/m ³	64	97	77
Annual Federal Arithmetic Mean (µg/m ³)		29.7	25.3	35.9
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	3	4	6
PM _{2.5}				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 35 µg/m ³	50.70	46.70	41.00
Annual Federal Arithmetic Mean (µg/m ³)	> 12 µg/m ³	12.41	11.13	12.63
Number of Days Exceeding Federal 24-Hour Standard	> 35 µg/m ³	2	4	4

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 would 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 the 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 ROGs, 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 January 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 2019 California Green Building Code Standards that became effective January 1, 2020.

Local jurisdictions are permitted to adopt more stringent requirements, as state law provides methods for local enhancements. CALGreen recognizes that many jurisdictions have developed existing construction waste and demolition ordinances and defers to them as the ruling guidance provided they establish a minimum 65% diversion requirement.

The code also provides exemptions for areas not served by construction waste and demolition recycling infrastructure. The State Building Code provides the minimum standard that buildings must meet in order to be certified for occupancy, which is generally enforced by the local building official.

Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases greenhouse gas (GHG) emissions. The 2019 version of Title 24 was adopted by the CEC) and became effective on January 1, 2020.

The 2019 Title 24 standards would result in less energy use, thereby reducing air pollutant emissions associated with energy consumption in the SCAB and across the State of California. For example, the 2019 Title 24 standards require solar photovoltaic systems for new homes, establish requirements for newly constructed healthcare facilities, encourage demand responsive technologies for residential buildings, and update indoor and outdoor lighting requirements for nonresidential buildings.

The CEC anticipates that single-family homes built with the 2019 standards would use approximately 7% less energy compared to the residential homes built under the 2016 standards. Additionally, after implementation of solar photovoltaic systems, homes built under the 2019 standards would use about 53% less energy than homes built under the 2016 standards. Nonresidential buildings (such as the Project) would use approximately 30% less energy due to lighting upgrade requirements (18).

Because the Project would be constructed after January 1, 2019, the 2019 CALGreen standards are applicable to the Project and require, among other items (19):

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).
- Outdoor light pollution reduction. Outdoor lighting systems shall be designed to meet the backlight, upright 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 reused 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 portable water use 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 (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 (5.303.1.1 and 5.303.1.2).
- Outdoor water use 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 (17). 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 3.10.

2.9 REGIONAL AIR QUALITY IMPROVEMENT

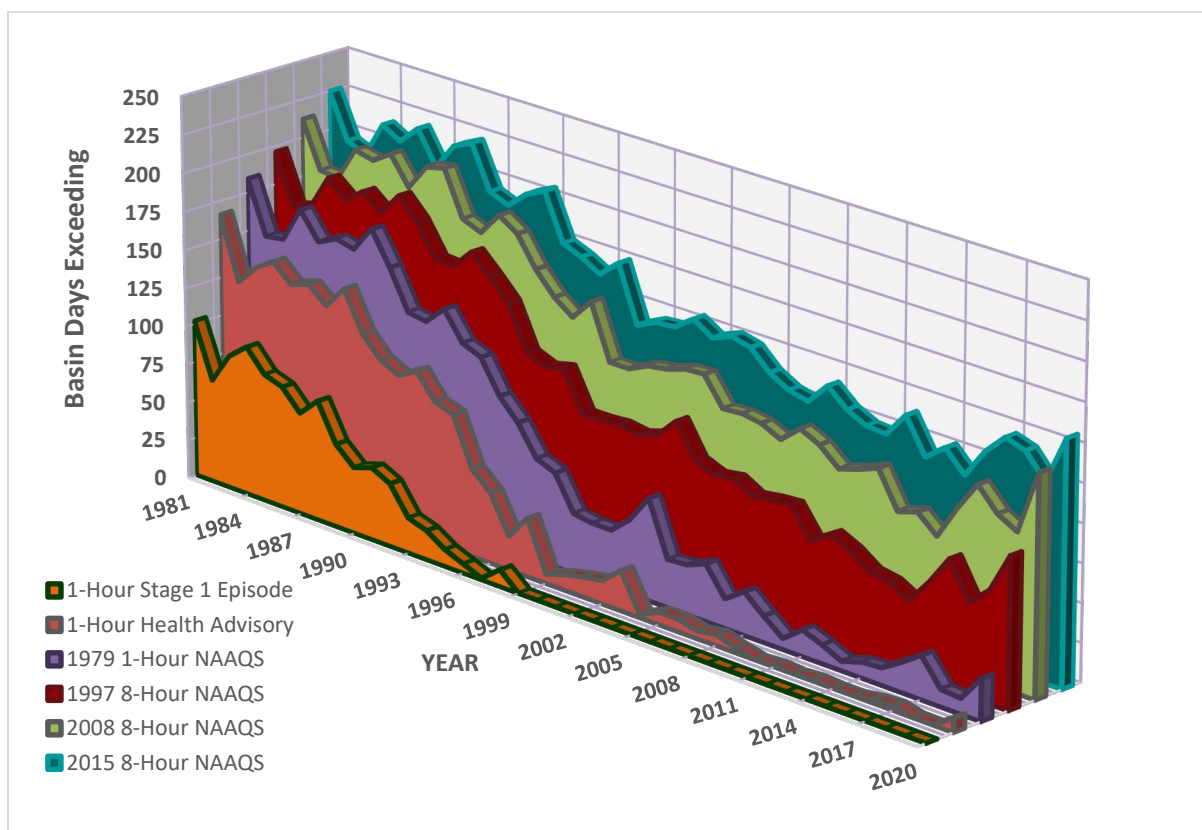
The Project is within the jurisdiction of the SCAQMD. In 1976, California adopted the Lewis Air Quality Management Act which created SCAQMD from a voluntary association of air pollution control districts in Los Angeles, Orange, Riverside, and San Bernardino counties. The geographic area of which SCAQMD 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,” (18).

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 (19). 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 (20).

TABLE 2-5: SCAB O₃ TREND

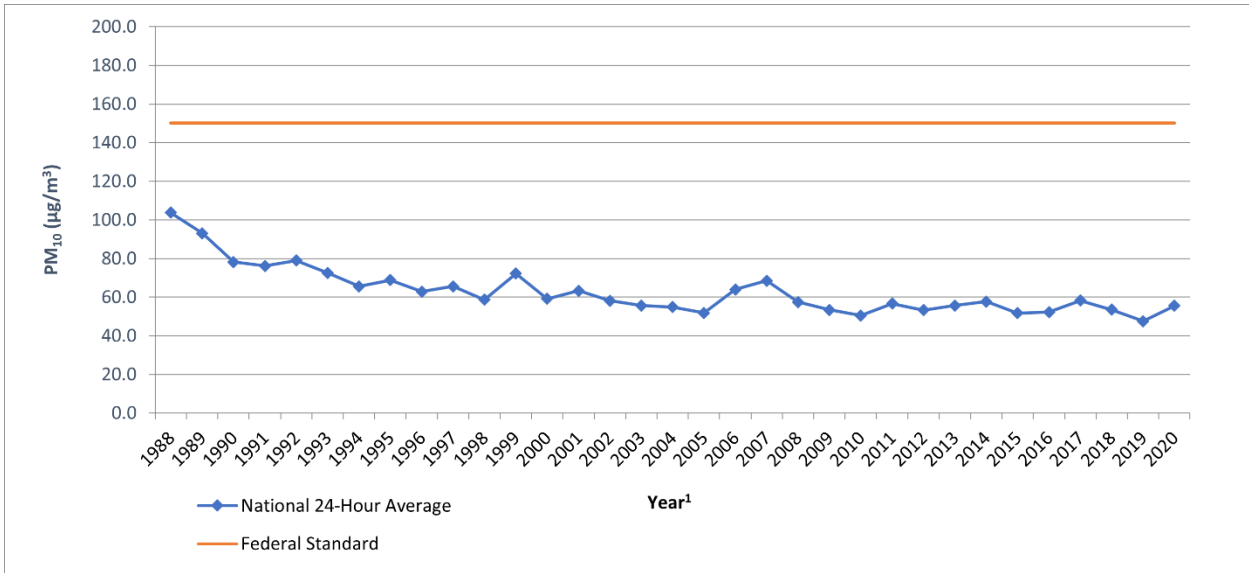


Source: 2020 SCAQMD, Historical O₃ Air Quality Trends (1976-2019)

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 46%, from 103.7 microgram per cubic meter (µg/m³) in 1988 to 55.5 µg/m³ in 2020 (21). 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 33.9 µg/m³ in 2020 (21). 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.

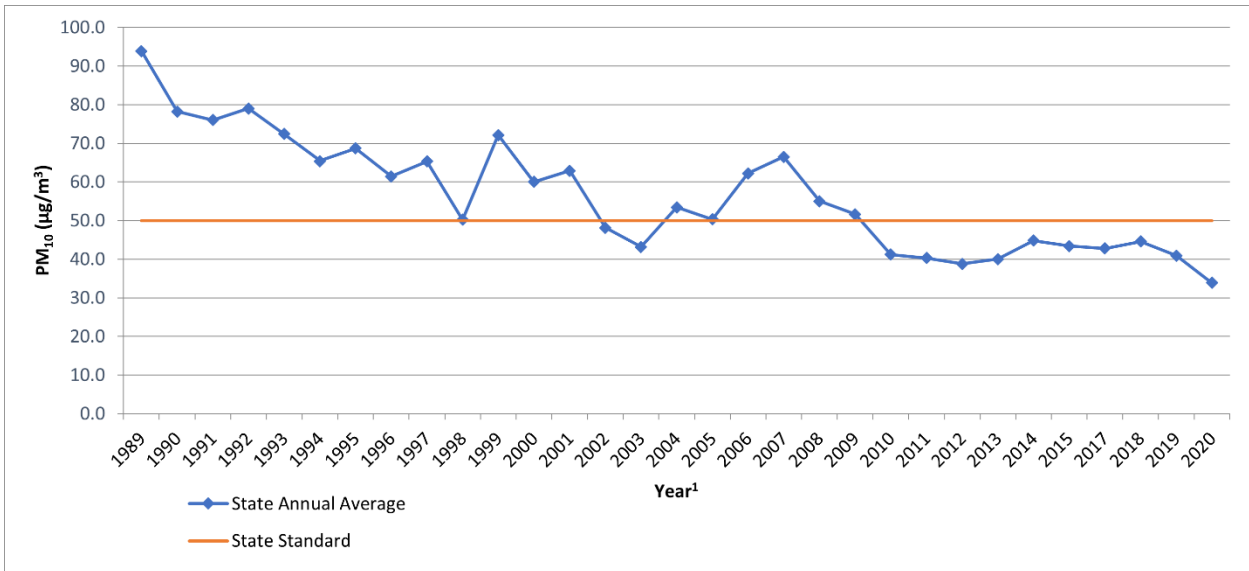
TABLE 2-6: SCAB AVERAGE 24-HOUR CONCENTRATION PM₁₀ TREND (BASED ON FEDERAL STANDARD)¹



Source: 2020 CARB, iADAM: Top Four Summary: PM₁₀ 24-Hour Averages (1988-2020)

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

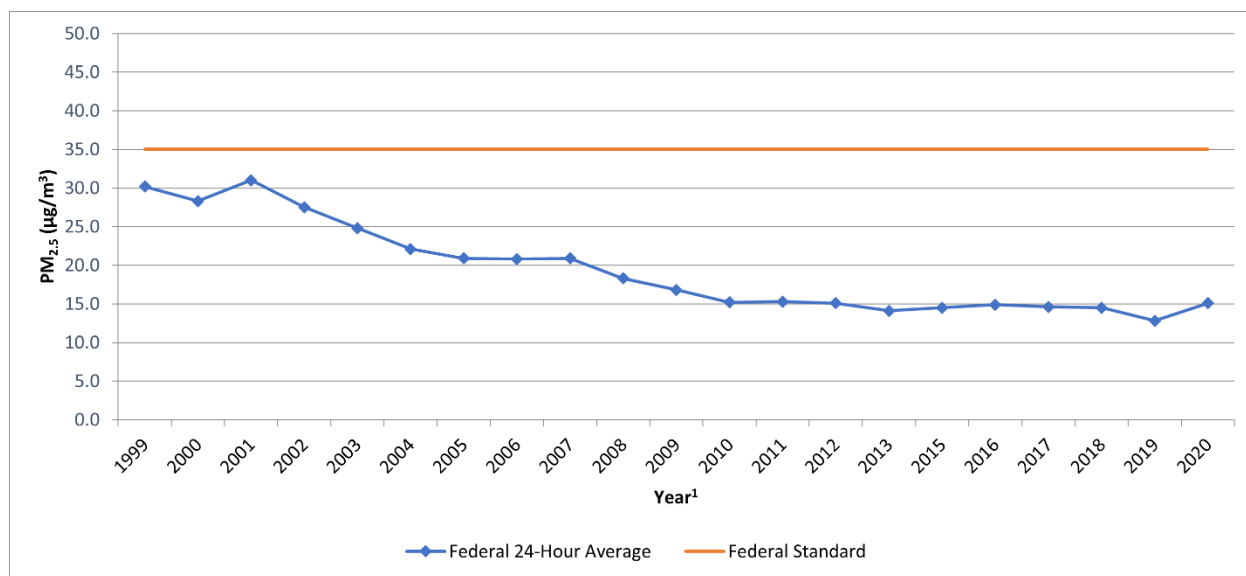


Source: 2020 CARB, iADAM: Top Four Summary: PM₁₀ 24-Hour Averages (1988-2020)

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 2020. Overall, the national and state annual average concentrations have decreased by almost 50% and 31% respectively (21). It should be noted that the SCAB is currently designated as nonattainment for the state and federal PM_{2.5} standards.

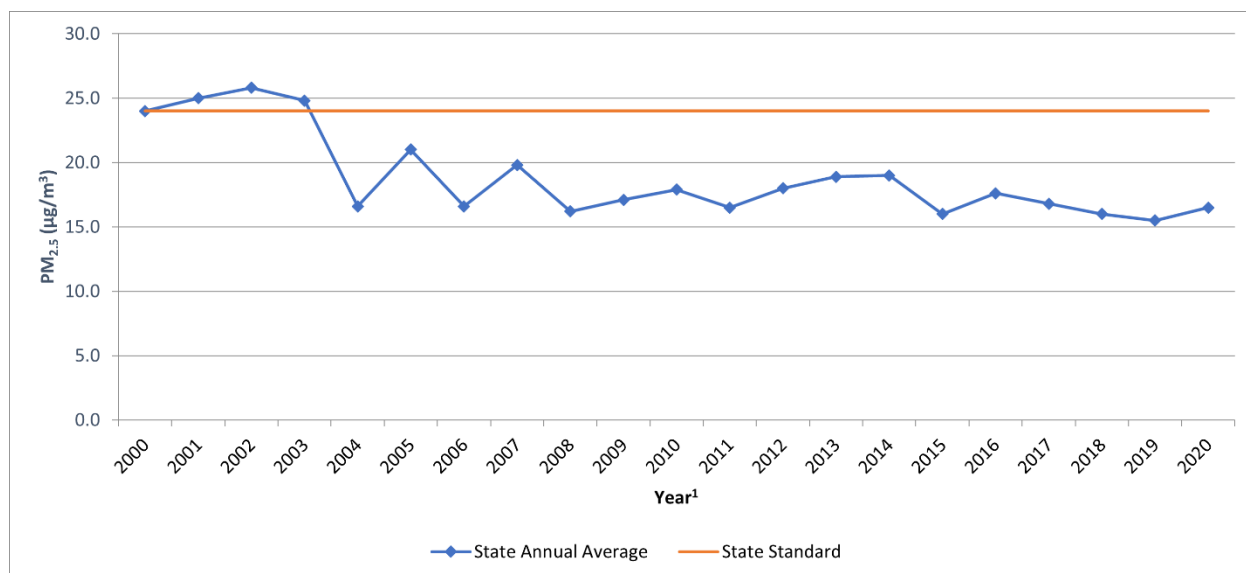
TABLE 2-8: SCAB 24-HOUR AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON FEDERAL STANDARD)¹



Source: 2020 CARB, iADAM: Top Four Summary: PM_{2.5} 24-Hour Averages (1999-2020)

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: 2020 CARB, iADAM: Top Four Summary: PM_{2.5} 24-Hour Averages (1999-2020)

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.

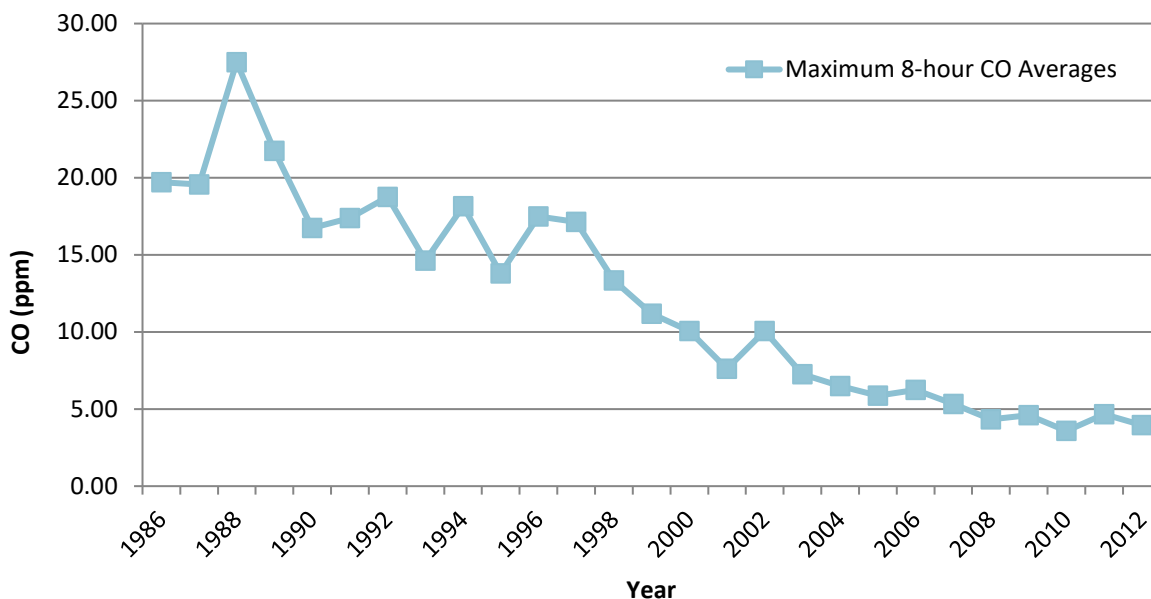
While the 2012 AQMP PM₁₀ attainment demonstration and the 2015 associated supplemental SIP submission indicated that attainment of the 24-hour standard was predicted to occur by the end of 2015, it could not anticipate the effect of the ongoing drought on the measured PM_{2.5}.

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 (22).

In March 2017, the SCAQMD released the Final 2016 AQMP. The 2016 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 (23). Similar to the 2012 AQMP, the 2016 AQMP incorporates scientific and technological information and planning assumptions, including the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016-2040 RTP/SCS) and updated emission inventory methodologies for various source categories (17).

The 2022 AQMP is currently being developed by SCAQMD to address the EPA’s strengthened ozone standard. Development of the 2022 AQMP is in its early stages and no formal timeline for completion and adoption is currently known.

The most recent CO concentrations in the SCAB are shown in Table 2-10 (21). 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

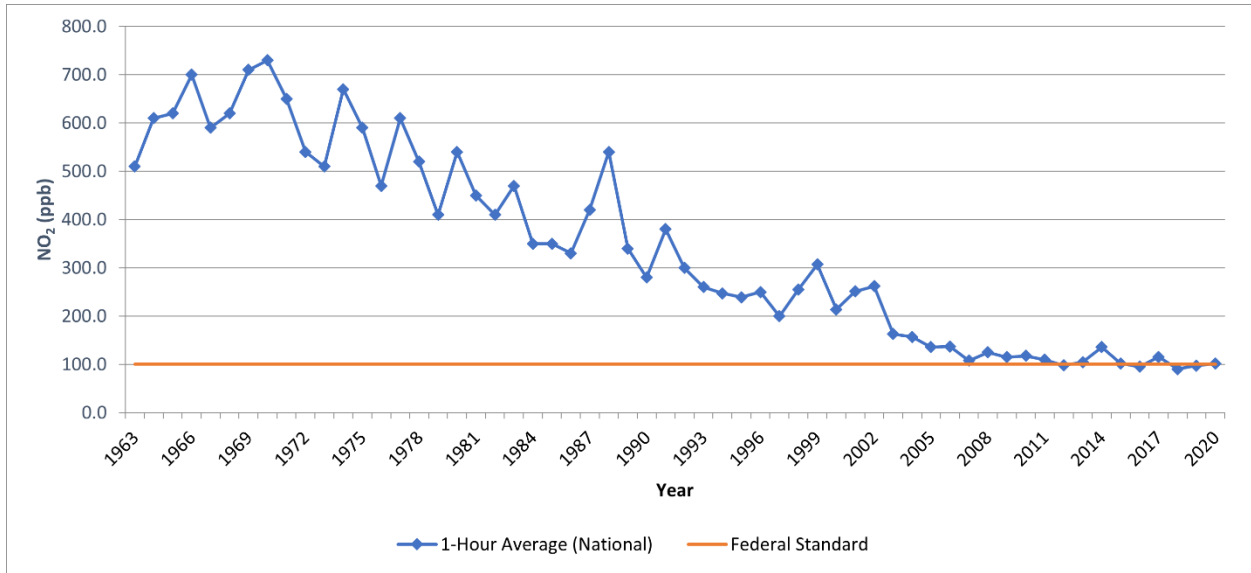
Source: 2020 CARB, iADAM: Top Four Summary: CO 8-Hour Averages (1986-2012)

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) (24)*. 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.

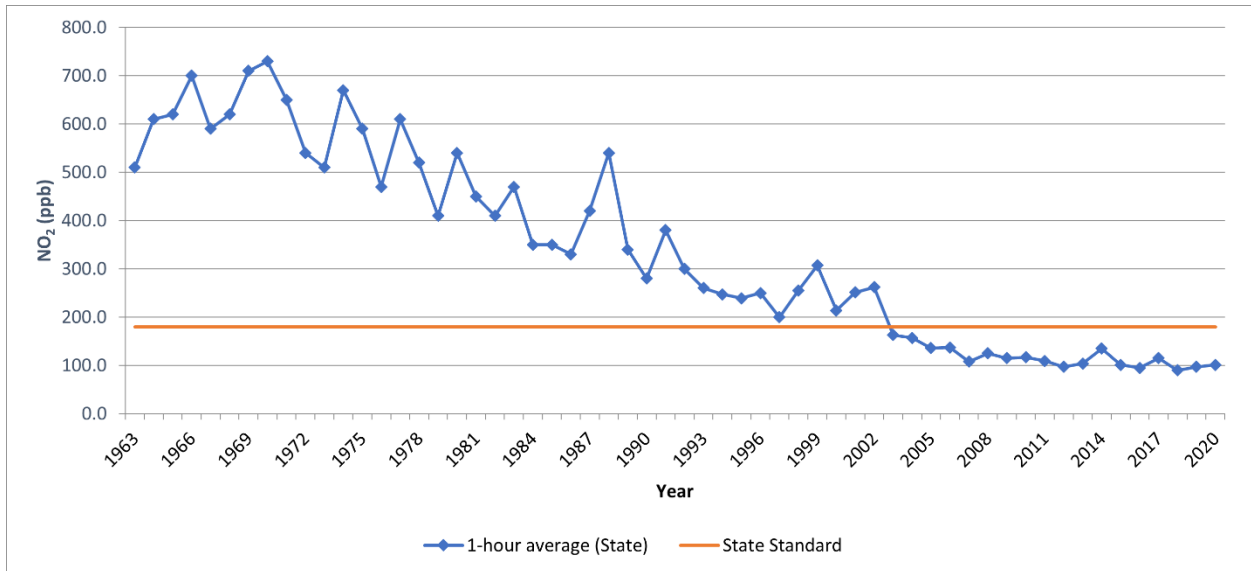
The most recent NO₂ data for the SCAB is shown in Tables 2-11 and 2-12 (21). Over the last 50 years, NO₂ values have decreased significantly; the peak 1-hour national and state averages for 2020 is approximately 80% lower than what it was during 1963. The SCAB attained the State 1-hour NO₂ standard in 1994, bringing the entire state into attainment. A new state annual average standard of 0.030 ppm was adopted by CARB in February 2007 (25). 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: 2020 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2020)

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



Source: 2020 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2020)

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 (26) which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for

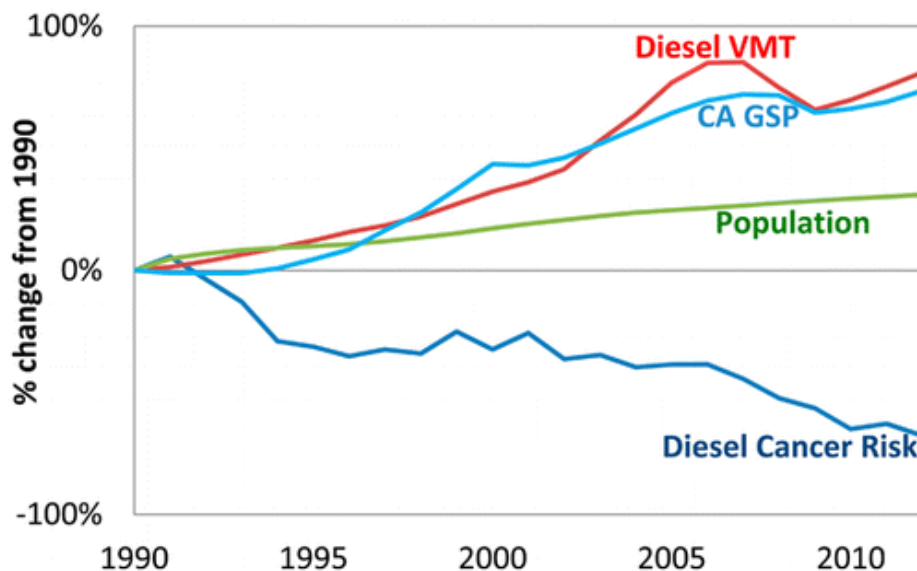
the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined significantly (between 1990 and 2012). The seven TACs studied include those that are derived from mobile sources: diesel particulate matter (DPM), benzene (C₆H₆), and 1,3-butadiene (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 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 (26).

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.

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.

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 (27), CARB statewide On-road Truck and Bus Regulation (28), and the Ports of Los Angeles and Long Beach Clean Truck Program (CTP) require accelerated implementation of “clean trucks” into the statewide truck fleet (29). 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 (30). 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 (31).

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 472 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.

This page intentionally left blank

3 PROJECT AIR QUALITY IMPACT

3.1 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.

3.2 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 3-1 (32). The SCAQMD's *CEQA Air Quality Significance Thresholds* (April 2019) 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 3-1: 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

3.3 MODELS EMPLOYED TO ANALYZE AIR QUALITY

3.3.1 CALFEEMOD

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

In May 2021, the SCAQMD, in conjunction with the California Air Pollution Control Officers Association (CAPCOA) and other California air districts, released the latest version of the CalFEEMod Version 2020.4.0. 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 MMs (33). 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 3.1 through 3.3.

3.4 CONSTRUCTION EMISSIONS

Construction activities associated with the Project will 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
- Clear Site
- Recompact
- Recompact and Import
- Fine Grading
- 2nd Move In
- Building Construction
- 3rd Move In
- Onsite Paving
- Architectural Coating
- Offsite Improvements Site Preparation
- Offsite Improvements Paving

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.). CalFEEMod was utilized to calculate fugitive dust emissions resulting from this phase of activity. The Project is anticipated to require the import of approximately 174,100 cubic yards

(cy) of soil, which will take place over 57 days during the Recompact and Import phase of construction.

ON-ROAD TRIPS

Construction generates on-road vehicle emissions from vehicle usage for workers, hauling, and vendors commuting to and from the site. The number of workers, hauling, and vendor trips are presented below in Table 3-2. Worker trips, vendor trips, and hauling trips are based on CalEEMod defaults.

TABLE 3-2: CONSTRUCTION TRIP ASSUMPTIONS

Construction Activity	Worker Trips Per Day	Vendor Trips Per Day	Hauling Trips Per Day
Demolition	15	0	39
Clear Site	3	0	0
Recompact	28	0	0
Recompact and Import	33	0	21,763
Fine Grading	15	0	0
2 nd Move In	10	0	0
Building Construction	1,319	515	0
3 rd Move In	13	0	0
Onsite Paving	30	0	0
Architectural Coating	264	0	0
Offsite Site Preparation	18	0	0
Offsite Paving	15	0	0

3.4.1 CONSTRUCTION DURATION

Construction is anticipated to begin in early 2023 and will last through late 2024. The construction schedule utilized in the analysis, shown in Table 3-3, 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).

³ As shown in the CalEEMod User’s Guide Version 2020.4.0, 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 3-3: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	01/01/2023	01/31/2023	22
Clear Site	02/01/2023	02/09/2023	7
Recompact	02/10/2023	03/02/2023	15
Recompact and Import	03/03/2023	05/22/2023	57
Fine Grading	05/23/2023	06/12/2023	15
Offsite Site Preparation	06/13/2023	07/24/2023	30
Building Construction	06/13/2023	06/10/2024	260
2 nd Move In	11/01/2023	11/28/2023	20
3 rd Move In	02/01/2024	03/27/2024	40
Offsite Paving	06/11/2024	08/26/2024	55
Paving	06/11/2024	09/09/2024	65
Architectural Coating	09/10/2024	12/09/2024	65

3.4.2 CONSTRUCTION EQUIPMENT

Consistent with industry standards and typical construction practices, each piece of equipment listed in Table 3-4 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. Construction equipment utilized for Project construction will meet at least CARB Tier 3 standards. Additionally, scrapers utilized for Project construction will meet at least CARB Tier 4 Interim standards.

TABLE 3-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Amount	Hours Per Day
Demolition	Concrete/Industrial Saws	1	8
	Excavators	3	8
	Rubber Tired Dozers	2	8
Clear Site	Rubber Tired Loaders	1	8
Recompact	Rubber Tired Dozers	1	8
	Scrapers	10	8
Recompact and Import	Rubber Tired Dozers	2	8
	Scrapers	10	8
	Sweepers/Scrubbers	1	8
Fine Grading	Graders	1	8
	Rubber Tired Dozers	1	8

Construction Activity	Equipment	Amount	Hours Per Day
	Scrapers	4	8
Offsite Site Preparation	Crawler Tractors	4	8
	Rubber Tired Dozers	3	8
Building Construction	Cranes	2	8
	Forklifts	6	8
	Generator Sets	2	8
	Tractors/Loaders/Backhoes	6	8
	Welders	2	8
2 nd Move In	Graders	1	8
	Rubber Tired Loaders	2	8
	Scrapers	1	8
3 rd Move In	Graders	1	8
	Rollers	1	8
	Rubber Tired Loaders	2	8
	Scrapers	1	8
Offsite Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Paving	Pavers	4	8
	Paving Equipment	4	8
	Rollers	4	8
Architectural Coating	Air Compressors	2	8

¹ In order to account for fugitive dust emissions, Crawler Tractors were used in lieu of Tractors/Loaders/Backhoes.

3.4.3 CONSTRUCTION EMISSIONS SUMMARY

IMPACTS WITHOUT MITIGATION

CalEEMod calculates maximum daily emissions for summer and winter periods. The estimated maximum daily construction emissions without mitigation are summarized on Table 3-5. Detailed construction model outputs are presented in Appendix 3.1. Under the assumed scenarios, emissions resulting from the Project construction would exceed criteria pollutant thresholds established by the SCAQMD for VOC emissions during construction activity.

TABLE 3-5: OVERALL CONSTRUCTION EMISSIONS SUMMARY – WITHOUT MITIGATION

Year	Emissions (lbs/day) ¹					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
2023	7.84	87.79	117.21	0.38	30.44	12.08
2024	124.43	66.64	113.52	0.31	22.95	7.80
Winter						
2023	7.49	90.07	108.22	0.38	30.44	12.09
2024	124.37	67.76	105.16	0.30	22.95	7.80
Maximum Daily Emissions	124.43	90.07	117.21	0.38	30.44	12.09
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	YES	NO	NO	NO	NO	NO

Source: CalEEMod construction-source (unmitigated) emissions are presented in Appendix 3.1.

RECOMMENDED CONSTRUCTION MITIGATION MEASURES

The Project construction-source emissions have the potential to exceed SCAQMD regional thresholds for VOC emissions prior to mitigation. MM AQ-1 is designed to reduce Project construction-source VOC. After application of MM AQ-1, Project construction-source emissions will not exceed SCAQMD regional thresholds for VOC emissions. Thus, the Project would result in a less than significant impact associated with construction activities.

MM AQ-1

To reduce VOC emissions associated with architectural coating, the Project designer and contractor shall reduce the use of paints and solvents by utilizing pre-coated materials (e.g., bathroom stall dividers, metal awnings), materials that do not require painting, and require coatings and solvents with a VOC content lower than required under Rule 1113 to be utilized. The construction contractor shall be required to utilize “Super-Compliant” VOC paints, which are defined in SCAQMD’s Rule 1113. Construction specifications shall be included in building specifications that assure these requirements are implemented. The specifications shall be reviewed by the City of Menifee’s Building and Safety Department for compliance with this mitigation measure prior to issuance of the Project’s building permit.

IMPACTS WITH MITIGATION

As indicated above, without mitigation, only VOC emissions are anticipated to exceed SCAQMD regional threshold. The estimated maximum daily construction emissions with mitigation are summarized on Table 3-6. MM AQ-1 is recommended to reduce the severity of these impacts. Detailed construction model outputs are presented in Appendix 3.1. With implementation of MM AQ-1 Project construction-source emissions of VOCs would be reduced to less than significant levels. As such, after implementation of MM AQ-1, Project construction-source emissions are considered less than significant.

TABLE 3-6: OVERALL CONSTRUCTION EMISSIONS SUMMARY – WITH MITIGATION

Year	Emissions (lbs/day) ¹					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
2023	7.84	87.79	117.21	0.38	30.44	12.08
2024	30.87	66.64	113.52	0.31	22.95	7.80
Winter						
2023	7.49	90.07	108.22	0.38	30.44	12.09
2024	30.81	67.76	105.16	0.30	22.95	7.80
Maximum Daily Emissions	30.87	90.07	117.21	0.38	30.44	12.09
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 3.1.

3.5 OPERATIONAL EMISSIONS

Operational activities associated with the Project will 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

3.5.1 AREA SOURCE EMISSIONS

ARCHITECTURAL COATINGS

Over a period of time the buildings that are part of this Project will require maintenance and will 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 horsepower (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.

3.5.2 ENERGY SOURCE EMISSIONS

COMBUSTION EMISSIONS ASSOCIATED WITH NATURAL GAS AND ELECTRICITY

Electricity and natural gas are used by almost every project. Criteria pollutant emissions are emitted through the generation of electricity and consumption of natural gas. 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 generally excluded from the evaluation of significance and only natural gas use is considered. The emissions associated with natural gas use were calculated using CalEEMod.

3.5.3 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 *Menifee Commerce Center Project Traffic Impact Analysis* were utilized in this analysis for Scenario 1 (4). Scenario 2 utilizes supplemental trip generation data provided by Albert A. Webb Associates that assumes Building 1 will be utilized as a high-cube transload and short-term storage warehouse rather than a high-cube fulfillment center warehouse.

APPROACH FOR ANALYSIS OF THE PROJECT

To determine emissions from passenger car vehicles, the CalEEMod defaults were utilized for trip length and trip purpose for the proposed industrial land uses.

This analysis assumes that passenger cars include Light-Duty-Auto vehicles (LDA), Light-Duty-Trucks (LDT1⁴ & LDT2⁵), and Medium-Duty-Vehicles (MDV) and Motorcycles (MCY) vehicle types. To account for emissions generated by passenger cars, the following fleet mix was utilized in this analysis:

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.

TABLE 3-7: PASSENGER CAR FLEET MIX

% Vehicle Type					
Scenario	LDA	LDT1	LDT2	MDV	MCY
1, 2	57.87	6.05	18.63	14.89	2.56

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, MDV, and MCY vehicle types.

To determine emissions from trucks for the proposed industrial uses, the analysis incorporated the SCAQMD recommended truck trip length of 40 miles⁶ and an assumption of 100% primary trips for the proposed industrial land uses.

Heavy trucks are broken down by truck type (or axle type) and are categorized as either Light-Heavy-Duty Trucks (LHDT1)/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 following fleet mix was utilized in this analysis based on the number of trips generated by each truck type in the traffic impact analysis:

TABLE 3-8: TRUCK FLEET MIX

% Vehicle Type			
Scenario	LHDT1	MHDT	HHDT
1	16.81	20.64	62.55
2	16.69	20.83	62.48

Note: Project-specific truck fleet mix is based on the number of trips generated by each truck type (LHDT1, 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 break and tire wear particulates. The emissions estimate for travel on paved roads were calculated using CalEEMod.

3.5.6 OPERATIONAL EMISSIONS SUMMARY

As previously stated, CalEEMod utilizes summer and winter EMFAC2017 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season. As such, operational activities for summer and winter for Scenarios 1 and 2 are presented in Table 3-9. Detailed operational model outputs are presented in Appendix 3.2 for Scenario 1 and

⁶ The average trip length for heavy trucks were based on the SCAQMD documents for the implementation of the Facility-Based Mobile Source Measures (FBMSMs) adopted in the 2016 AQMP. SCAQMD’s “Preliminary Warehouse Emission Calculations” cites 39.9-mile trip length for heavy-heavy trucks (25). As a conservative measure, a trip length of 40 miles has been utilized for all trucks for the purpose of this analysis (39)

Appendix 3.3 for Scenario 2. Under Scenario 1, the Project would exceed the numerical thresholds of significance established by SCAQMD for emissions of VOC and NO_x. Under Scenario 2, the Project would exceed the threshold of significance for NO_x.

RECOMMENDED OPERATIONAL MITIGATION MEASURES

MM AQ-2

Legible, durable, weather-proof signs shall be placed at truck access gates, loading docks, and truck parking areas that identify applicable CARB anti-idling regulations. At a minimum, each sign shall include: 1) instructions for truck drivers to shut off engines when not in use; 2) instructions for drivers of diesel trucks to restrict idling to no more than five (5) minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and 3) telephone numbers of the building facilities manager and the CARB to report violations. Prior to the issuance of an occupancy permit, the City shall conduct a site inspection to ensure that the signs are in place.

MM AQ-3

All on-site outdoor cargo-handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) shall be electric or non-diesel fueled. All on-site indoor forklifts shall be powered by electricity.

MM AQ-4

Prior to tenant occupancy, the Project Applicant or successor in interest shall provide documentation to the City demonstrating that occupants/tenants of the Project site have been provided documentation on funding opportunities, such as the Carl Moyer Program, that provide incentives for using cleaner-than-required engines and equipment.

MM AQ-5

Conduits for the installation of electrical hookups to allow future electric vehicle (EV) trucks and trucks with auxiliary power units (APU) shall be installed at a ratio of one charging station for every 50 dock high doors.

MM AQ-6

Parking areas shall be designed to accommodate EV charging stations for passenger cars consistent with CalGreen requirements.

MM AQ-7

Signage shall be posted on-site at every truck exit driveway directing truck drivers to use existing City truck routes. Compliance with this mitigation measure shall be required prior to certificate of occupancy.

MM AQ-8

All landscaping equipment (e.g., leaf blower) used for property management shall be electric powered only. The property manager/facility owner shall provide documentation (e.g., purchase,

rental, and/or services agreement) to the City of Planning Department to verify, to the City's satisfaction, that all landscaping equipment utilized will be electric powered.

Even with the Project's compliance with applicable rules, and the imposition of all feasible mitigation measures identified above (see MM AQ-2 through MM AQ-7), the Project's operational VOC and NO_x emissions under Scenario 1 and NO_x emissions under Scenario 2 would exceed the applicable regional thresholds of significance. As such, Project operational-source VOC and NO_x emissions (Scenario 1) or NO_x emissions (Scenario 2) are considered significant and unavoidable. It should be noted that, approximately 99% of the Project's NO_x emissions are derived from vehicle usage which cannot be directly regulated by the City. Neither the Project Applicant nor the Lead Agency can substantively or materially affect reductions in project-related vehicular source emissions beyond regulatory requirements, and mitigation measures identified herein. While there are no feasible mitigation measures that would reduce vehicular emissions, as discussed in the mitigation measures section above, the Project Applicant will install electric vehicle supply equipment in accordance with the California Building Code which will allow charging stations to be supplied based on demand. Charging stations could lead to less use of gasoline-burning automobiles and thus, less air pollutant emissions. Hence, overall, there are no feasible mitigations that would reduce ozone precursor emissions consistent with the *2015 Air Quality Attainment Plan*, and this impact is considered significant and unavoidable. Thus, VOC and NO_x emissions under Scenario 1 and NO_x emissions under Scenario 2 are considered significant and unavoidable.

It is important to note that the majority of on-site operational VOC emissions are derived from consumer products. For analytical purposes, consumer products include cleaning supplies, aerosols, and other consumer products (34). As such, the Project Applicant cannot meaningfully control the use of consumer products by future building users via mitigation. On this basis, it is concluded that Project operational-source VOC emissions under Scenario 1 cannot be definitively reduced below applicable SCAQMD thresholds. VOC emissions under Scenario 2 do not exceed the applicable SCAQMD thresholds.

Emissions associated with heavy duty trucks involved in goods movements are generally controlled on the technology side and through fleet turnover of older trucks and engines to newer and cleaner trucks and engines. The first battery-electric heavy-duty trucks are being tested this year and SCAQMD is looking to integrate this new technology into large-scale truck operations (35), however presently such trucks are not available. The following state strategies reduce criteria air pollutants and GHG emissions from the medium and heavy-duty trucks:

- CARB's Mobile Source Strategy focuses on reducing emissions through the transition to zero and low emission vehicles and from medium-duty and heavy-duty trucks (36).
- CARB's Sustainable Freight Action Plan establishes a goal to improve freight efficiency by 25 percent by 2030, deploy over 100,000 freight vehicles and equipment capable of zero emission operation and maximize both zero and near-zero emission freight vehicles and equipment powered by renewable energy by 2030 (36). CARB's Emissions Reduction Plan for Ports and Goods Movement (Goods Movement Plan) in California focuses on reducing heavy-duty truck-related emissions focus on establishment of emissions standards for trucks, fleet turnover, truck retrofits,

and restriction on truck idling . While the focus of Goods Movement Plan is to reduce criteria air pollutant and air toxic emissions, the strategies to reduce these pollutants would also generally have a beneficial effect in reducing GHG emissions.

In addition, the US EPA, CARB, and SCAQMD are currently in the rule development processes for the follow strategies:

- **US EPA Cleaner Truck Initiative:** In response to a petition from SCAQMD, the US EPA has committed to updating its truck engine standard to reduce NOx emissions.
- **CARB’s Advanced Clean Truck Rule:** Requires truck manufacturers to sell an increasing percentage of zero-emission trucks by 2030 (up to 15 percent or 50 percent, depending on truck type). Also, this proposed rule would require one-time fleet reporting for large businesses.
- **CARB’s Zero-Emission Fleet Rule:** Would require some fleets to transition to zero-emissions.
- **CARB’s Heavy-Duty Low NOx Program:** Would set new statewide engine standards, test cycles, and warranty and durability requirements to reduce NOx from trucks.
- **CARB’s Heavy-Duty Inspection/Maintenance Program:** Would set new inspection and maintenance requirements to ensure emissions controls are functioning properly.
- **SCAQMD’s Warehouse Indirect Source Review (ISR):** SCAQMD adopted an ISR rule for warehouse distribution centers 100,000 square feet and larger. The Warehouse ISR requires warehouse projects to implement facility-based measures or pay a fee that would reduce local air quality emissions (37).

These strategies would contribute to reducing heavy duty truck emissions associated with the proposed project. The proposed project would not conflict with these strategies. Trucks onsite are required to comply with CARB’s Heavy-Duty (Tractor-Trailer) GHG Regulation, which requires SmartWay tractor trailers that include idle-reduction technologies, aerodynamic technologies, and low-rolling resistant tires that would reduce fuel consumption and associated emissions.

Despite the design features and mitigation measures provided by the Project Applicant and the anticipated regulations implemented by the US EPA and CARB to improve truck efficiency, the project would represent a substantial increase in emissions compared to existing conditions. The estimated long-term emissions generated under full buildout of the proposed project would exceed the SCAQMD’s regional operational significance thresholds (see Table 3-9) and would cumulatively contribute to the nonattainment designations in the SCAB. Therefore, the proposed project would result in a significant impact in this regard.

TABLE 3-9: SUMMARY OF PEAK OPERATIONAL EMISSIONS

Scenario	Source	Emissions (lbs/day)					
		VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer							
1	Area Source	37.32	3.07E-03	0.34	3.00E-05	1.20E-03	1.20E-03
	Energy Source	0.10	0.89	0.74	5.31E-03	0.07	0.07
	Mobile Source	30.79	87.04	335.62	1.07	92.05	25.45
Total Maximum Daily Emissions-Scenario 1		68.20	87.93	336.70	1.08	92.12	25.52
SCAQMD Regional Threshold		55	55	550	150	150	55

Scenario	Source	Emissions (lbs/day)					
		VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Threshold Exceeded?		YES	YES	NO	NO	NO	NO
2	Area Source	37.32	3.07E-03	0.34	3.00E-05	1.20E-03	1.20E-03
	Energy Source	0.10	0.89	0.74	5.31E-03	0.07	0.07
	Mobile Source	8.32	78.06	91.69	0.61	36.24	10.57
Total Maximum Daily Emissions-Scenario 2		45.73	78.95	92.77	0.61	36.31	10.64
SCAQMD Regional Threshold		55	55	550	150	150	55
Threshold Exceeded?		NO	YES	NO	NO	NO	NO
Winter							
1	Area Source	37.32	3.07E-03	0.34	3.00E-05	1.20E-03	1.20E-03
	Energy Source	0.10	0.89	0.74	5.31E-03	0.07	0.07
	Mobile Source	26.75	92.07	294.21	1.02	92.05	25.45
Total Maximum Daily Emissions-Scenario 1		64.16	92.96	295.29	1.02	92.12	25.52
SCAQMD Regional Threshold		55	55	550	150	150	55
Threshold Exceeded?		YES	YES	NO	NO	NO	NO
2	Area Source	37.32	3.07E-03	0.34	3.00E-05	1.20E-03	1.20E-03
	Energy Source	0.10	0.89	0.74	5.31E-03	36.24	0.07
	Mobile Source	7.34	82.41	82.20	0.60	36.24	10.57
Total Maximum Daily Emissions-Scenario 2		44.75	83.30	83.29	0.60	72.48	10.64
SCAQMD Regional Threshold		55	55	550	150	150	55
Threshold Exceeded?		NO	YES	NO	NO	NO	NO

Source: CalEEMod operational-source emissions are presented in Appendices 3.3 and 3.4.

3.6 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-4⁷. 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.

⁷ 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."

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

APPLICABILITY OF LSTs FOR THE PROJECT

For this Project, the appropriate SRA for the LST analysis is the SCAQMD Perris Valley (SRA 24). LSTs apply to CO, NO₂, PM₁₀, and PM_{2.5}. The SCAQMD produced look-up tables for projects less than or equal to 5 acres in size.

In order to determine the appropriate methodology for determining localized impacts that could occur as a result of Project-related construction, the following process is undertaken:

- Identify the maximum daily on-site emissions that will occur during construction activity:
 - The maximum daily on-site emissions could be based on information provided by the Project Applicant; or
 - The SCAQMD's *Fact Sheet for Applying CalEEMod to Localized Significance Thresholds* and *CalEEMod User's Guide Appendix A: Calculation Details for CalEEMod* can be used to determine the maximum site acreage that is actively disturbed based on the construction equipment fleet and equipment hours as estimated in CalEEMod (39) (40).
- If the total acreage disturbed is less than or equal to 5 acres per day, then the SCAQMD's screening look-up tables are utilized to determine if a Project has the potential to result in a significant impact. The look-up tables establish a maximum daily emissions threshold in lbs/day that can be compared to CalEEMod outputs.
- If the total acreage disturbed is greater than 5 acres per day, then LST impacts may still be conservatively evaluated using the LST look-up tables for a 5-acre disturbance area. Use of the 5-acre disturbance area thresholds can be used to show that even if the daily emissions from all construction activity were emitted within a 5-acre area, and therefore concentrated over a smaller area which would result in greater site adjacent concentrations, the impacts would still be less than significant if the applicable 5-acre thresholds are utilized.
- The *LST Methodology* presents mass emission rates for each SRA, project sizes of 1, 2, and 5 acres, and nearest receptor distances of 25, 50, 100, 200, and 500 meters. For project sizes between the values given, or with receptors at distances between the given receptors, the methodology uses linear interpolation to determine the thresholds.

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 (41)." As such, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered.

MAXIMUM DAILY DISTURBED-ACREAGE

As a conservative measure, it is assumed that a maximum of 5 acres per day can be actively disturbed during construction of the site. In CalEEMod, the Total Acres Graded (TAG) field represents the cumulative distance traversed on the property by the grading equipment. In order to properly grade a piece of land, multiple passes with grading equipment may be required. So even though the lot size is a fixed number of acres, the TAG could be an order of magnitude higher than the footprint of the lot (40). Total Acres Graded (TAG) is a function of the maximum acreage disturbed per day times the number of days of the subphase of construction. As such, in order to provide a more conservative analysis, the TAG field in CalEEMod has been revised to the following for construction phases that include site preparation or grading⁸:

- Clear Site: 35 acres (5 acres per day x 7 days)
- Recompact and Import: 360 acres (5 acres per day x 72 days)
- Fine Grade: 75 acres (5 acres per day x 15 days)
- 2nd Move In: 100 acres (5 acres per day x 20 days)
- 3rd Move In: 200 acres (5 acres per day x 40 days)
- Offsite Site Preparation: 150 acres (5 acres per day x 30 days)

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 (in this case residences located south of 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 onsite for a full 24 hours but are typically onsite 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 (41).” Therefore,

⁸ CalEEMod does not provide a “Total Acres Graded” field for Demolition, Building Construction, Paving, or Architectural Coating activities.

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.

RECEPTORS

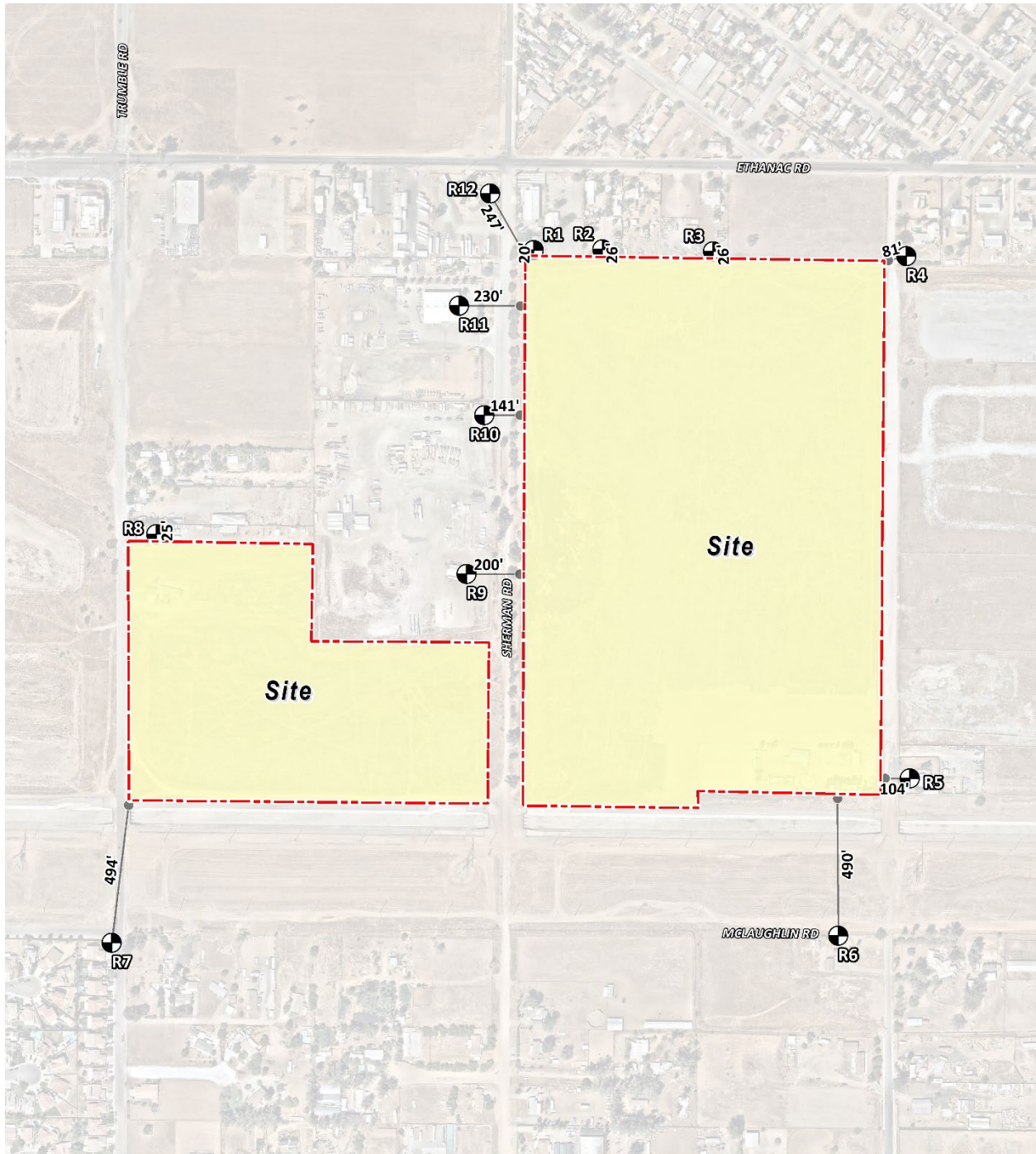
Receptors in the Project area are described below and shown on Exhibit 3-A. Localized air quality impacts were evaluated at receptor land uses nearest the Project site. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site.

The SCAQMD recommends that the nearest sensitive receptor be considered when determining the Project's potential to cause an individual a cumulatively significant 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). The nearest receptor used for evaluation of localized impacts of PM₁₀ and PM_{2.5} is represented by R1 which is the existing residence at 26026 Sherman Road, approximately 20 feet (6 meters) north of the Project site.

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. The nearest receptor used for evaluation of localized impacts of NO_x and CO is represented by location R11 which represents the North County Sand & Gravel Facility at 26227 Sherman Road, approximately 141 feet (43 meters) west of the Project site.

It should be noted that the *LST Methodology* explicitly states that *"It is possible that a project may have receptors closer than 25 meters. Projects with boundaries located closer than 25 meters to the nearest receptor should use the LSTs for receptors located at 25 meters (42)."* As such a 25-meter receptor distance would be used for evaluation of localized PM₁₀, PM_{2.5}, NO_x, and CO.

EXHIBIT 3-A: SENSITIVE RECEPTOR LOCATIONS



LEGEND:

- Receptor Locations
- Distance from receptor to Project site boundary (in feet)
- Site Boundary

3.7 CONSTRUCTION-SOURCE EMISSIONS LST ANALYSIS

3.7.1 LOCALIZED THRESHOLDS FOR CONSTRUCTION ACTIVITY

Although the total acreage disturbed is more than 5 acres per day for construction activities, the *LST Methodology* provides look-up tables for sites with an area with daily disturbance of 5 acres or less. For projects that exceed 5 acres, the 5-acre LST look-up tables can be used as a screening tool to determine which pollutants require additional detailed analysis. This approach is conservative as it assumes that all on-site emissions associated with the Project would occur within a concentrated 5-acre area. This screening method would therefore over-predict potential localized impacts, because by assuming that on-site construction activities are occurring over a smaller area, the resulting concentrations of air pollutants are more highly concentrated once they reach the smaller site boundary than they would be for activities if they were spread out over a larger surface area. On a larger site, the same amount of air pollutants generated would disperse over a larger surface area and would result in a lower concentration once emissions reach the Project-site boundary. As such, LSTs for a 5-acre site during construction are used as a screening tool to determine if further detailed analysis is required. The thresholds used in for the construction-source LST analysis are presented below in Table 3-10.

TABLE 3-10: MAXIMUM DAILY LOCALIZED CONSTRUCTION EMISSIONS THRESHOLDS

Construction Localized Thresholds			
NO _x	CO	PM ₁₀	PM _{2.5}
270 lbs/day	1,577 lbs/day	13 lbs/day	8 lbs/day

Source: Localized Thresholds presented in this table are based on the SCAQMD Final LST Methodology, July 2008

3.7.2 CONSTRUCTION-SOURCE LOCALIZED EMISSIONS

Table 3-10 identifies the localized impacts at the nearest receptor location in the vicinity of the Project. As shown on Table 3-11, construction emissions would not exceed the applicable SCAQMD LSTs for any criteria pollutant. Therefore, a less than significant impact would occur.

TABLE 3-11: LOCALIZED CONSTRUCTION-SOURCE EMISSIONS – WITHOUT MITIGATION

Construction Phase	Year	Emissions (lbs/day)			
		NO _x	CO	PM ₁₀	PM _{2.5}
Demolition	2023	18.31	24.67	1.01	0.89
Clear Site	2023	4.04	4.53	0.15	0.15
Recompact	2023	19.90	39.08	4.64	1.74
Recompact and Import	2023	49.59	91.76	7.57	3.48
Fine Grading	2023	23.21	40.36	4.79	1.89
Building Construction and Offsite Site Prep	2023	49.50	61.23	11.98	6.97
Building Construction	2023	30.44	38.27	1.92	1.92

Construction Phase	Year	Emissions (lbs/day)			
		NO _x	CO	PM ₁₀	PM _{2.5}
Building Construction and 2nd Move In	2023	43.56	56.57	4.36	2.52
Building Construction	2024	30.44	38.27	1.92	1.92
Building Construction and 3rd Move In	2024	47.14	60.91	4.55	2.70
Paving and Offsite Paving	2024	33.89	51.89	1.83	1.83
Paving	2024	22.59	34.59	1.22	1.22
Architectural Coating	2024	3.62	4.89	0.25	0.25
Maximum Daily Emissions		49.59	91.76	11.98	6.97
SCAQMD Localized Threshold		270	1,577	13	8
Threshold Exceeded?		NO	NO	NO	NO

Source: CalEEMod localized construction-source emissions are presented in Appendix 3.1.

3.8 OPERATIONAL-SOURCE EMISSIONS LST ANALYSIS

As noted previously, the *LST Methodology* provides look-up tables for sites with an area with daily disturbance of 5 acres or less. For projects that exceed 5 acres, the 5-acre LST look-up tables can be used as a screening tool to determine whether pollutants require additional detailed analysis. This approach is conservative as it assumes that all on-site emissions associated with the project would occur within a concentrated 5-acre area. This screening method would therefore over-predict potential localized impacts, because by assuming that on-site operational activities are occurring over a smaller area, the resulting concentrations of air pollutants are more highly concentrated once they reach the smaller site boundary than they would be for activities if they were spread out over a larger surface area. On a larger site, the same amount of air pollutants generated would disperse over a larger surface area and would result in a lower concentration once emissions reach the project-site boundary. As such, LSTs for a 5-acre site during operations are used as a screening tool to determine if further detailed analysis is required.

The LST analysis generally includes on-site sources (area, energy, and mobile – are previously discussed in Section 3.5 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, in an effort to establish a maximum potential impact scenario for analytic purposes, the emissions shown on Table 3-13 represent all on-site Project-related stationary (area) sources and on-site vehicle travel. In order to account for on-site travel only, an on-site travel distance of 0.5 mile (2,640 feet) was selected for passenger cars and trucks. Modeling based on these assumptions demonstrates that even within broad encompassing parameters, Project operational-source emissions would not exceed applicable LSTs.

3.8.1 LOCALIZED THRESHOLDS FOR OPERATIONAL ACTIVITY

As previously stated, LSTs for a 5-acre site during operations are used as a screening tool to determine if further detailed analysis is required. Table 3-12 presents the maximum daily

localized operational emissions for a 5-acre project located in SRA 24 and a receptor distance of 25 meters.

TABLE 3-12: MAXIMUM DAILY LOCALIZED OPERATIONAL EMISSIONS THRESHOLDS

Operational Localized Thresholds			
NO _x	CO	PM ₁₀	PM _{2.5}
270 lbs/day	1,577 lbs/day	4 lbs/day	2 lbs/day

Source: Localized Thresholds presented in this table are based on the SCAQMD Final LST Methodology, July 2008

3.8.2 OPERATIONAL-SOURCE LOCALIZED EMISSIONS

As shown on Table 3-13 operational emissions would not exceed the LST thresholds and is therefore considered to have a less than significant localized impact during operational activity.

TABLE 3-13: LOCALIZED SIGNIFICANCE SUMMARY OF OPERATIONS

Scenario	Emissions (lbs/day)			
	NO _x	CO	PM ₁₀	PM _{2.5}
Scenario 1				
Summer	12.08	56.40	3.28	0.96
Winter	12.83	60.36	3.28	0.96
Maximum Daily Emissions	12.83	60.36	3.28	0.96
SCAQMD Localized Threshold	270	1,577	4	2
Threshold Exceeded?	NO	NO	NO	NO
Scenario 2				
Summer	9.43	18.91	1.00	0.34
Winter	10.08	20.01	1.00	0.34
Maximum Daily Emissions	10.08	20.01	1.00	0.34
SCAQMD Localized Threshold	270	1,577	4	2
Threshold Exceeded?	NO	NO	NO	NO

Source: CalEEMod localized operational-source emissions are presented in Appendices 3.3 and 3.4.

3.9 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 3-14.

TABLE 3-14: 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

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 (24). 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 0.9 ppm and 0.7 ppm, respectively (data from Lake Elsinore station for 2020). 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 (24). Traffic volumes generating the CO concentrations for the “hot spot” analysis is shown on Table 3-15. 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 (24). 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 ppm x 4= 18.4 ppm) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm)⁹.

TABLE 3-15: 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

3.10 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 to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In March 2017, the SCAQMD released the *Final 2016 AQMP (2016 AQMP)*. The 2016 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 (24). Similar to the 2012 AQMP, the 2016 AQMP incorporates scientific and technological information and planning assumptions, including the 2016-2040 RTP/SCS, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements

⁹ Based on the ratio of the CO standard (20.0 ppm) and the modeled value (4.6 ppm)

(17). The Project's consistency with the AQMP will be determined using the 2016 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 (43). These indicators are discussed below:

3.10.1 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 refers 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 LSTs or regional significance thresholds were exceeded. As evaluated, the Project's regional and localized construction-source emissions would not exceed the applicable thresholds. As such, emissions generated during Project construction would not result in a significant impact.

Operational Impacts – Consistency Criterion 1

The Project would not exceed the applicable LSTs for operational activity. The regional operational-source emissions are anticipated to exceed the regional thresholds of significance for VOC and NO_x under Scenario 1 and NO_x under Scenario 2 and emissions would not be reduced to less than significant with imposition of mitigation measures. As such, the Project would result in a significant impact with respect to this criterion and the Project would conflict with the AQMP according to this criterion.

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

3.10.2 CONSISTENCY CRITERION No. 2

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

The 2016 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 Menifee 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

As previously stated, the Project is proposed to consist of 1,640,130 sf of warehouse uses. The Project site is currently part of the Menifee North Specific Plan and is designated as “Industrial” use. Allowable uses within the “Industrial” land use designation primarily include high-cube warehousing (warehouse/distribution center for the receipt, storage, cold storage and distribution of goods, products, supplies) and general light industrial. Other uses also permitted include but are not limited to manufacturing, distribution warehouses, e-commerce fulfillment, research services and laboratories, repair services, and various indoor recreational uses.

Accordingly, the 2016 AQMP reflects the proposed land use designation for the Project site. Consequently, the development of the subject site as proposed by the Project is assumed to generate operational-source emissions reflected within the current 2016 AQMP regional emissions inventory for the SCAB.

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

AQMP CONSISTENCY CONCLUSION

The Project would be inconsistent with AQMP Criterion No. 1, resulting in a determination that impacts in this regard would be considered potentially significant. The Project would implement development-specific air quality mitigation measures identified in this analysis, acting to generally reduce the Project's operational-source air pollutant emissions. Additionally, incorporation of contemporary energy-efficient technologies and operational programs, and compliance with SCAQMD emissions reductions and control requirements act to reduce Project air pollutant emissions generally.

In combination, the Project air quality mitigation measures; and Project emissions-reducing design features, and operational programs are consistent with and support overarching AQMP air pollution reduction strategies. Project support of these strategies would globally promote timely attainment of AQMP air quality standards and would bring the Project into conformance with the AQMP to the extent feasible. Notwithstanding, based on the analysis presented here, the Project is considered to be inconsistent with applicable AQMP Consistency Criteria.

3.11 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 will 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 will 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.

However, as described in Section 3.5.6/Table 3-9 the Project would exceed the SCAQMD’s significance threshold for operations for VOC and NO_x emissions under Scenario 1 and NO_x emissions under Scenario 2. This impact is considered significant and unavoidable. Likewise, the Project would not be consistent with elements of the 2016 AQMP, an impact considered significant and unavoidable.

If a project in the SCAB exceeds the regional significance thresholds, the project could contribute to an increase in health effects in the basin until such time the attainment standard are met in the SCAB. The project exceeds the emissions in Table 3-10 for the following: VOCs and NO_x under Scenario 1 and NO_x alone under Scenario 2. These emissions would cumulatively contribute to the nonattainment status and would contribute in elevating health effects associated with these criteria air pollutants. Known health effects related to ozone include worsening of bronchitis, asthma, and emphysema and a decrease in lung function. Because of the relatively small amount of emissions from the Project relative to regional-wide emissions, it would be speculative to assess whether or the extent to which the project would contribute to adverse health effects. Even though SCAQMD has among the most sophisticated air quality modeling and health impact evaluation capability of any of the air districts in the State, South Coast AQMD has not provided methodology, and modeling does not currently exist, to assess the specific correlation between mass emissions generated, cumulative increases from individual projects, and the effect on health or even to determine how exceeding the regional thresholds by small amounts would affect the number of days the region is in nonattainment. SCAQMD staff has does not currently know of a way to accurately quantify O₃-related health impacts caused by NO_x or VOC emissions from relatively small projects, due to photochemistry and regional model limitations. For these reasons, mass emissions are not correlated with concentrations of emissions or how many additional individuals in the air basin would be affected by the health effects cited above. In contrast, for extremely large regional projects (unlike the proposed Project), the SCAQMD states that it has been able to correlate potential health outcomes for very large emissions sources – as part of their rulemaking activity, specifically 6,620 lbs./day of NO_x and 89,180 lbs./day of VOC were expected to result in approximately 20 premature deaths per year and 89,947 school absences due to O₃ (44).

The proposed Project does not generate anywhere near 6,620 lbs/day of NO_x or 89,190 lbs/day of VOC emissions. The proposed Project would generate up to 92.96 lbs/day of NO_x during operations under Scenario 1 and 83.30 lbs/day of NO_x during operations under Scenario 2 (1.40% and 1.26% of 6,620 lbs/day, respectively). Additionally, the Project would also generate a maximum of 68.20 lbs/day of VOC emissions during operations under Scenario 1 (0.08% of 89,190 lbs/day). Therefore, 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.

In *Sierra Club v. County of Fresno (Friant Ranch)* (2018) 6 Cal.5th 502, Case No. S21978, the California Supreme Court found that the EIR for the proposed Friant Ranch project failed to

adequately analyze the project's air quality impacts on human health where project-related mass emissions would exceed the San Joaquin Valley Air Pollution Control District's regional significance thresholds. The Court found that EIRs for projects must not only identify impacts to human health, but also provide an "analysis of the correlation between the project's emissions and human health impacts" related to each criteria air pollutant that exceeds the regional significance thresholds or explain why it could not make such a connection. The EIR failed to do either and therefore did not comply with CEQA. As stated above, it is not possible to determine a direct correlation between the small amount by which the Project exceeds thresholds of significance for VOCs and NO_x under Scenario 1 and NO_x alone under Scenario 2 and health effects that are generally linked to these emissions. Ozone concentrations are dependent upon a variety of complex factors, including the presence of sunlight and precursor pollutants, natural topography, nearby structures that cause building downwash, atmospheric stability, and wind patterns. Because of the complexities of predicting ground-level ozone concentrations in relation to the National AAQS and California AAQS, and the absence of modeling that allows for specific health-emissions correlations for an air basin from small projects such as this, it is not feasible to link health risks to the magnitude of emissions exceeding the significance thresholds.

3.12 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 the solid waste regulations. The proposed Project would also be required to comply with

SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors associated with the proposed Project construction and operations would be less than significant and no mitigation is required (45).

3.13 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 proposed Project has the potential to result in cumulative impacts associated with on-going operations for emissions of VOC and NO_x under Scenario 1 and emissions of NO_x under Scenario 2. Therefore, the proposed Project would have the potential to result in a cumulatively considerable significant impact with respect to operational activity.

This page intentionally left blank

4 REFERENCES

1. **State of California.** *2020 CEQA California Environmental Quality Act.* 2020.
2. **South Coast Air Quality Management District.** RULE 403. FUGITIVE DUST. [Online] <https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403.pdf?sfvrsn=4>.
3. —. RULE 1113. Architectural Coatings. [Online] <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf>.
4. **Albert A. Webb Associates.** *Menifee Commerce Center Project Traffic Impact Analysis.* 2021.
5. **South Coast Air Quality Management District.** Southern California Air Basins. [Online] <https://www.arb.ca.gov/msprog/onroad/porttruck/maps/scabc7map.pdf>.
6. —. *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning.* 2005.
7. **California Air Resources Board.** Ambient Air Quality Standards (AAQS). [Online] 2016. <http://www.arb.ca.gov/research/aaqs/aaqs2.pdf>.
8. **United State Environmental Protection Agency.** Frequent Questions about General Conformity . EPA. [Online] <https://www.epa.gov/general-conformity/frequent-questions-about-general-conformity#8>.
9. **South Coast Air Quality Management District.** Annual Air Quality Monitoring Network Plan. [Online] July 2018. <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-monitoring-network-plan/annual-air-quality-monitoring-network-plan-v2.pdf?sfvrsn=2>.
10. **Air Resources Board.** State and National Ambient Air Quality Standards. [Online] https://www.arb.ca.gov/regact/2019/stateareadesignations/appc.pdf?_ga=2.169398369.1537615702.1554741141-1192937971.1505156621.
11. **District, South Coast Air Quality Management.** Air Quality Data Tables. [Online] <https://www.aqmd.gov/home/air-quality/air-quality-data-studies/historical-data-by-year>.
12. **Environmental Protection Agency.** National Ambient Air Quality Standards (NAAQS). [Online] 1990. <https://www.epa.gov/environmental-topics/air-topics>.
13. —. Air Pollution and the Clean Air Act. [Online] <http://www.epa.gov/air/caa/>.
14. **United States Environmental Protection Agency.** 1990 Clean Air Act Amendment Summary: Title I. [Online] <https://www.epa.gov/clean-air-act-overview/1990-clean-air-act-amendment-summary-title-i>.
15. —. 1990 Clean Air Act Amendment Summary: Title II. [Online] <https://www.epa.gov/clean-air-act-overview/1990-clean-air-act-amendment-summary-title-ii>.
16. **Air Resources Board.** California Ambient Air Quality Standards (CAAQS). [Online] 2009. [Cited: April 16, 2018.] <http://www.arb.ca.gov/research/aaqs/caaqs/caaqs.htm>.
17. **Southern California Association of Governments.** 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy. [Online] April 2016. <http://scagrtpscs.net/Documents/2016/final/f2016RTPSCS.pdf>.
18. **South Coast Air Quality Management District.** *Air Quality Management Plan.* 2012.
19. **California Air Resources Board.** *The California Almanac of Emissions and Air Quality.* 2013.
20. **South Coast AQMD.** South Coast Air Basin Ozone Trend. [Online] <https://www.aqmd.gov/home/air-quality/historical-air-quality-data/historic-ozone-air-quality-trends>.

21. **California Air Resources Board.** iADAM: Air Quality Data Statistics. *California Air Resources Board*. [Online] <https://arb.ca.gov/adam/topfour/topfour1.php>.
22. **Environmental Protection Agency.** Approval and Promulgation of Implementation Plans; California; South Coast Serious Area Plan for the 2006 PM2.5. [Online] 2019. <https://www.federalregister.gov/documents/2019/02/12/2019-01922/approval-and-promulgation-of-implementation-plans-california-south-coast-serious-area-plan-for-the>.
23. **South Coast Air Quality Management District.** Final 2016 Air Quality Management Plan. *South Coast Air Quality Management District*. [Online] March 2017. <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/final2016aqmp.pdf>.
24. **South coast Air Quality Management District.** *CEQA Air Quality Handbook (1993)*. 1993.
25. **California Environmental Protection Agency Air Resources Board.** Nitrogen Dioxide- Overview. [Online] <http://www.arb.ca.gov/research/aaqs/caaqs/no2-1/no2-1.htm>.
26. **Ralph Propper, Patrick Wong, Son Bui, Jeff Austin, William Vance, Alvaro Alvarado, Bart Croes, and Dongmin Luo.** Ambient and Emission Trends of Toxic Air Contaminants in California. *American Chemical Society: Environmental Science & Technology*. 2015.
27. **Air Resources Board.** ARB's Drayage Truck Regulatory Activities. [Online] <http://www.arb.ca.gov/msprog/onroad/porttruck/porttruck.htm>.
28. —. Truck and Bus Regulation. *On-Road Heavy-Duty Diesel Vehicles (In-Use) Regulation*. [Online] <http://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm>.
29. **The Port of Los Angeles.** Clean Truck Program. [Online] http://www.portoflosangeles.org/ctp/idx_ctp.asp.
30. **South Coast Air Quality Management District.** Transfer Funds, Appropriate Funding, Execute Purchase Orders, Execute Contrat and Authorize Release of RFQs for the Fifth Multiple Air Toxics Exposure Study. *South Coast Air Quality Management District*. [Online] 2017. <http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2017/2017-jul7-009.pdf?sfvrsn=7>.
31. —. Executive Summary. *MATES V Draft Report*. [Online] 2021. http://www.aqmd.gov/docs/default-source/planning/mates-v/draft-mates-v-executive-summary_v2.pdf?sfvrsn=6.
32. **South Coast Air Quality Management District (SCAQMD).** SCAQMD Air Quality Significance Thresholds. [Online] <http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf?sfvrsn=2>.
33. **California Air Pollution Control Officers Association (CAPCOA).** California Emissions Estimator Model (CalEEMod). [Online] September 2016. www.caleemod.com.
34. **Southern California Air Quality Management District.** California Emissions Estimator Model User's Guide Version 2016.3.2. [Online] http://www.aqmd.gov/docs/default-source/caleemod/01_user-39-s-guide2016-3-2_15november2017.pdf?sfvrsn=4.
35. *South Coast AQMD provides \$16 Million to Test Integration of Battery Electric Trucks into Large-scale Fleet Operations.* **South Coast Air Quality Management District.** 2019.
36. **Air Resources Board.** California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target. [Online] https://ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/2030sp_pp_final.pdf.

37. **South Coast Air Quality Management District.** Warehouse ISR Working Group. [Online] 2019. http://www.aqmd.gov/docs/default-source/planning/fbmsm-docs/whse_isr_8-23-19_final.pdf?sfvrsn=6.
38. **Lake Environmental.** US EPA Models. *Lake Environmental.* [Online] http://www.weblakes.com/download/us_epa.html.
39. **South Coast Air Quality Management District.** Fact Sheet for Applying CalEEMod to Localized Significance Thresholds. [Online] <http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/caleemod-guidance.pdf>.
40. **California Air Pollution Control Officers Association (CAPCOA).** Appendix A: Calculation Details for CalEEMod. *CalEEMod.* [Online] October 2017. http://www.aqmd.gov/docs/default-source/caleemod/02_appendix-a2016-3-2.pdf?sfvrsn=6.
41. **South Coast Air Quality Management District.** *Localized Significance Thresholds Methodology.* s.l. : South Coast Air Quality Management District, 2008.
42. —. *Localized Significance Thresholds Methodology.* s.l. : South Coast Air Quality Management District, 2003.
43. **South coast Air Quality Management District.** *CEQA Air Quality Handbook (1993).* 1993.
44. **South Coast Air Quality Management District.** Sierra Club, Revive the San Joaquin and League of Women Voters of Fresno, Plaintiffs and Appellants, v. County of Fresno, Defendant and Respondent and, Friant Ranchm L.P. Real Party in Interest and Respondent. [Online] 2015. <https://www.courts.ca.gov/documents/9-s219783-ac-south-coast-air-quality-mgt-dist-041315.pdf>.
45. —. RULE 402 NUISANCE. [Online] <http://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-402.pdf>.
46. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. http://www.aqmd.gov/rules/ciwig/final_white_paper.pdf.

This page intentionally left blank

5 CERTIFICATIONS

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Menifee Commerce 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

Haseeb Qureshi
Associate Principal
URBAN CROSSROADS, INC.
hqureshi@urbanxroads.com

EDUCATION

Master of Science in Environmental Studies
California State University, Fullerton • May 2010

Bachelor of Arts in Environmental Analysis and Design
University of California, Irvine • June, 2006

PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

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
Air Dispersion Modeling – Lakes Environmental • June 2006

This page intentionally left blank

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***

[This page intentionally left blank]

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.

Ambient Air Quality Standards

(Updated 5/4/16)

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 (PM ₁₀) 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 (PM _{2.5}) 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	12.0 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 ...

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 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 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 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 ($1.5 \mu\text{g}/\text{m}^3$ 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 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.

[This page intentionally left blank]

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:

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

**2018
Area Designations for State
Ambient Air Quality Standards
OZONE**

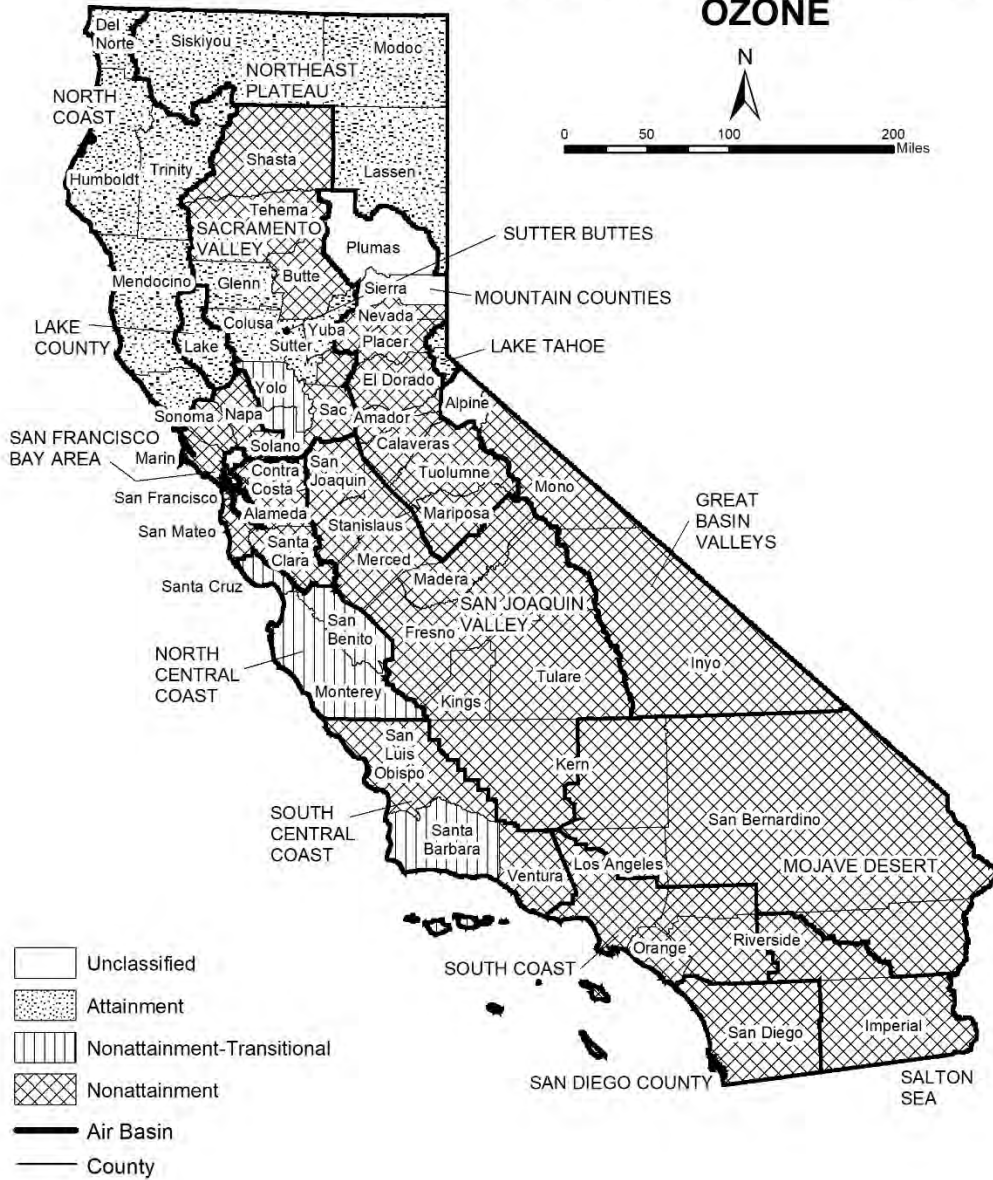


TABLE 1

**California Ambient Air Quality Standards
Area Designations for Ozone ⁽¹⁾**

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					NORTHEAST PLATEAU AIR BASIN				X
Alpine County			X		SACRAMENTO VALLEY AIR BASIN				
Inyo County	X				Colusa and Glenn Counties				X
Mono County	X				Sutter/Yuba Counties				
LAKE COUNTY AIR BASIN				X	Sutter Buttes	X			
LAKE TAHOE AIR BASIN				X	Remainder of Sutter County				X
MOJAVE DESERT AIR BASIN	X				Yuba County				X
MOUNTAIN COUNTIES AIR BASIN					Yolo/Solano Counties		X		
Amador County	X				Remainder of Air Basin	X			
Calaveras County	X				SALTON SEA AIR BASIN	X			
El Dorado County (portion)	X				SAN DIEGO AIR BASIN	X			
Mariposa County	X				SAN FRANCISCO BAY AREA AIR BASIN	X			
Nevada County	X				SAN JOAQUIN VALLEY AIR BASIN	X			
Placer County (portion)	X				SOUTH CENTRAL COAST AIR BASIN				
Plumas County			X		San Luis Obispo County	X			
Sierra County			X		Santa Barbara County		X		
Tuolumne County	X				Ventura County	X			
NORTH CENTRAL COAST AIR BASIN		X			SOUTH COAST AIR BASIN	X			
NORTH COAST AIR BASIN				X					

(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

**2018
Area Designations for State
Ambient Air Quality Standards
PM10**



TABLE 2

**California Ambient Air Quality Standards
Area Designation for Suspended Particulate Matter (PM10)**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN	X			NORTH CENTRAL COAST AIR BASIN	X		
LAKE COUNTY AIR BASIN			X	NORTH COAST AIR BASIN			
LAKE TAHOE AIR BASIN	X			Del Norte, Sonoma (portion) and Trinity Counties			X
MOJAVE DESERT AIR BASIN	X			Remainder of Air Basin	X		
MOUNTAIN COUNTIES AIR BASIN				NORTHEAST PLATEAU AIR BASIN			
Amador County		X		Siskiyou County			X
Calaveras County	X			Remainder of Air Basin		X	
El Dorado County (portion)	X			SACRAMENTO VALLEY AIR BASIN			
Mariposa County				Shasta County			X
- Yosemite National Park	X			Remainder of Air Basin	X		
- Remainder of County		X		SALTON SEA AIR BASIN	X		
Nevada County	X			SAN DIEGO AIR BASIN	X		
Placer County (portion)	X			SAN FRANCISCO BAY AREA AIR BASIN	X		
Plumas County	X			SAN JOAQUIN VALLEY AIR BASIN	X		
Sierra County	X			SOUTH CENTRAL COAST AIR BASIN	X		
Tuolumne County		X		SOUTH COAST AIR BASIN	X		

FIGURE 3

2018
 Area Designations for State
 Ambient Air Quality Standards
 PM_{2.5}

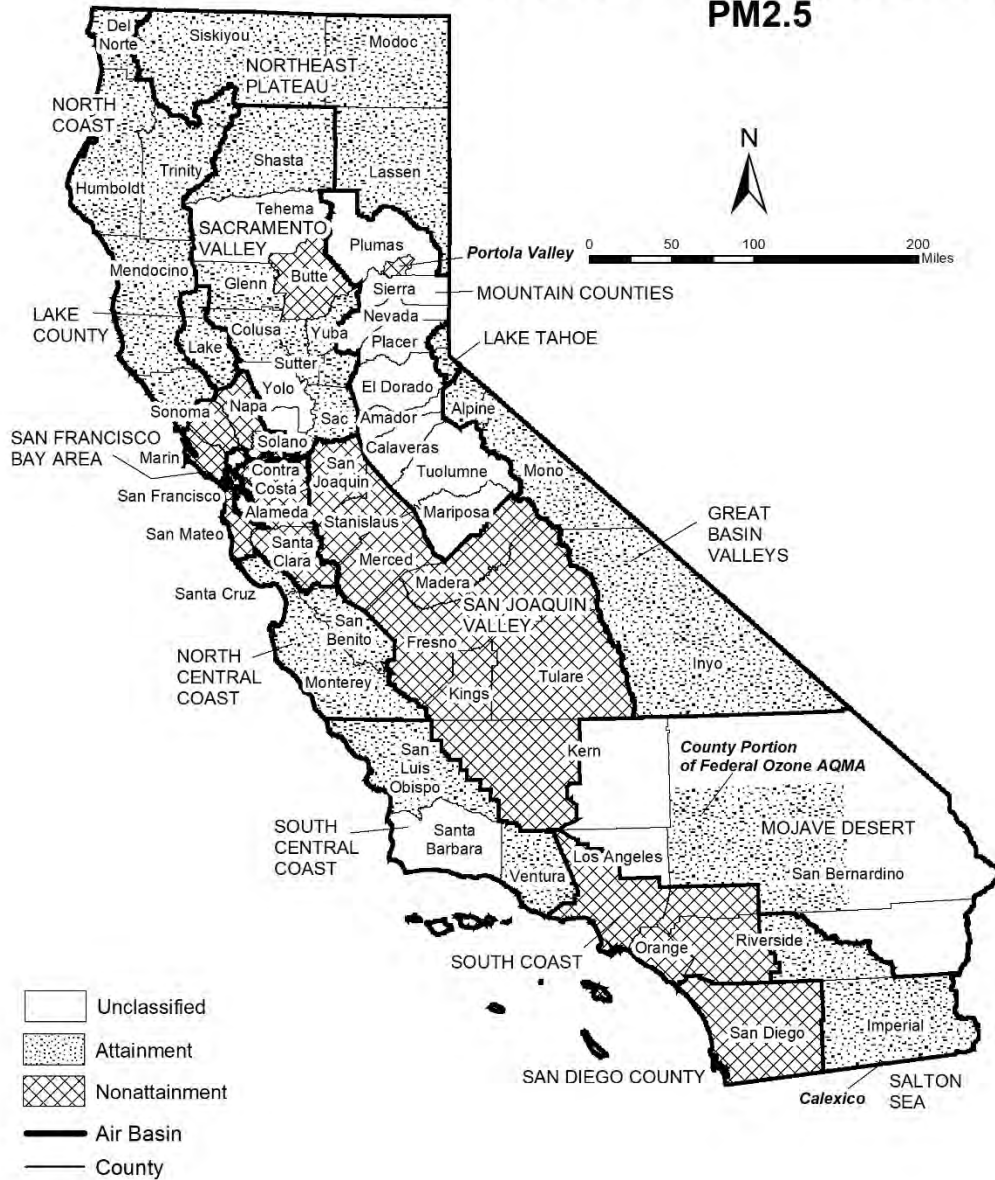


TABLE 3

**California Ambient Air Quality Standards
Area Designations for Fine Particulate Matter (PM2.5)**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SALTON SEA AIR BASIN			
LAKE COUNTY AIR BASIN			X	Imperial County			
LAKE TAHOE AIR BASIN			X	- City of Calexico (3)	X		
MOJAVE DESERT AIR BASIN				Remainder of Air Basin			X
San Bernardino County				SAN DIEGO AIR BASIN	X		
- County portion of federal Southeast Desert Modified AQMA for Ozone (1)			X	SAN FRANCISCO BAY AREA AIR BASIN	X		
				SAN JOAQUIN VALLEY AIR BASIN	X		
Remainder of Air Basin		X		SOUTH CENTRAL COAST AIR BASIN			
MOUNTAIN COUNTIES AIR BASIN				San Luis Obispo County			X
Plumas County				Santa Barbara County		X	
- Portola Valley (2)	X			Ventura County			X
Remainder of Air Basin		X		SOUTH COAST AIR BASIN	X		
NORTH CENTRAL COAST AIR BASIN			X				
NORTH COAST AIR BASIN			X				
NORTHEAST PLATEAU AIR BASIN			X				
SACRAMENTO VALLEY AIR BASIN							
Butte County	X						
Colusa County			X				
Glenn County			X				
Placer County (portion)			X				
Sacramento County			X				
Shasta County			X				
Sutter and Yuba Counties			X				
Remainder of Air Basin		X					

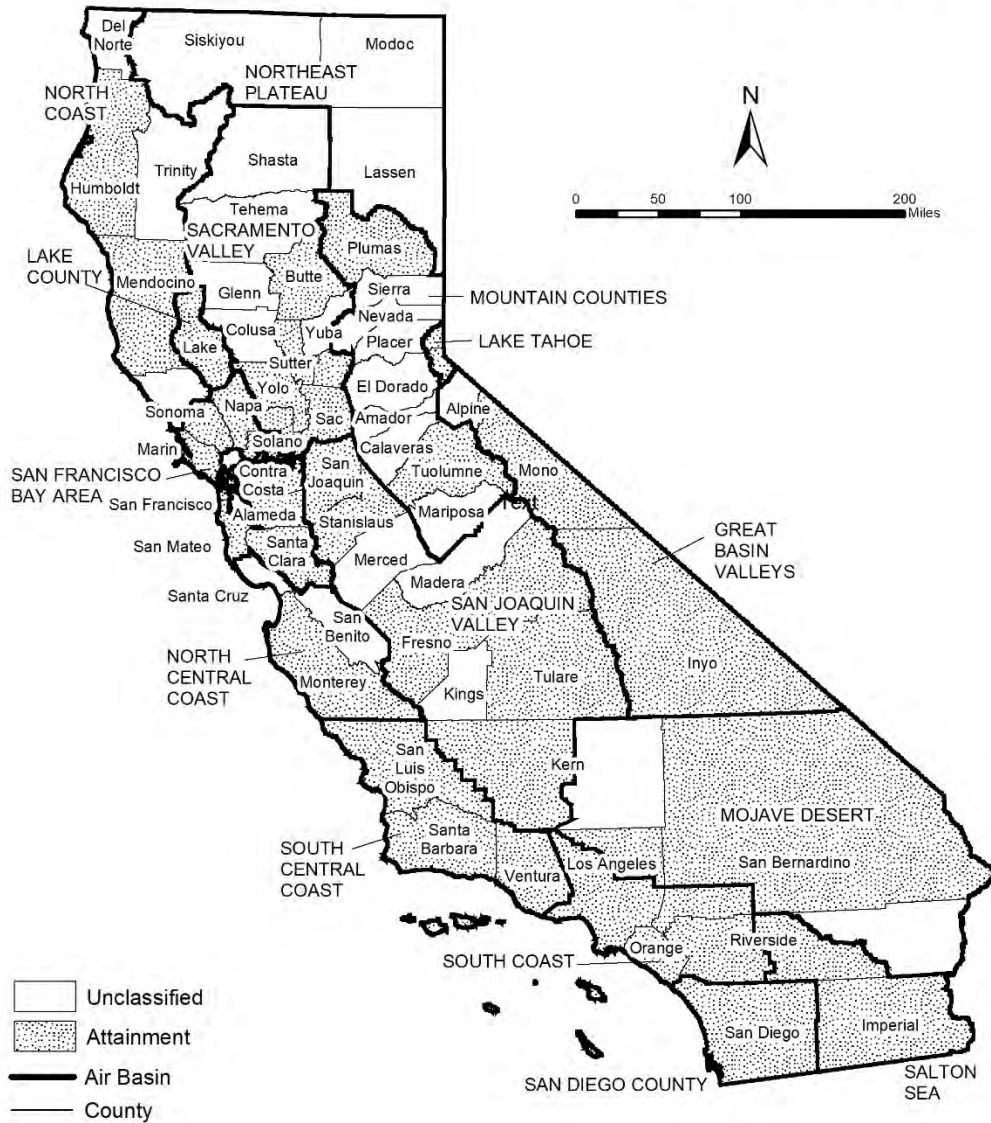
(1) California Code of Regulations, title 17, section 60200(b)

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

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

FIGURE 4

2018
Area Designations for State
Ambient Air Quality Standards
CARBON MONOXIDE



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 4

**California Ambient Air Quality Standards
Area Designation for Carbon Monoxide***

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					SACRAMENTO VALLEY AIR BASIN				
Alpine County			X		Butte County				X
Inyo County				X	Colusa County			X	
Mono County				X	Glenn County			X	
LAKE COUNTY AIR BASIN				X	Placer County (portion)				X
LAKE TAHOE AIR BASIN				X	Sacramento County				X
MOJAVE DESERT AIR BASIN					Shasta County			X	
Kern County (portion)			X		Solano County (portion)				X
Los Angeles County (portion)				X	Sutter County				X
Riverside County (portion)			X		Tehama County			X	
San Bernardino County (portion)				X	Yolo County				X
MOUNTAIN COUNTIES AIR BASIN					Yuba County			X	
Amador County			X		SALTON SEA AIR BASIN				X
Calaveras County			X		SAN DIEGO AIR BASIN				X
El Dorado County (portion)			X		SAN FRANCISCO BAY AREA AIR BASIN				X
Mariposa County			X		SAN JOAQUIN VALLEY AIR BASIN				
Nevada County			X		Fresno County				X
Placer County (portion)			X		Kern County (portion)				X
Plumas County				X	Kings County			X	
Sierra County			X		Madera County			X	
Tuolumne County				X	Merced County			X	
NORTH CENTRAL COAST AIR BASIN					San Joaquin County				X
Monterey County				X	Stanislaus County				X
San Benito County			X		Tulare County				X
Santa Cruz County			X		SOUTH CENTRAL COAST AIR BASIN				X
NORTH COAST AIR BASIN					SOUTH COAST AIR BASIN				X
Del Norte County			X						
Humboldt County				X					
Mendocino County				X					
Sonoma County (portion)			X						
Trinity County			X						
NORTHEAST PLATEAU AIR BASIN			X						

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

FIGURE 5

2018
Area Designations for State
Ambient Air Quality Standards
NITROGEN DIOXIDE



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 5

**California Ambient Air Quality Standards
Area Designation for Nitrogen Dioxide**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SACRAMENTO VALLEY AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN DIEGO AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH COAST AIR BASIN			X	SOUTH COAST AIR BASIN			
NORTHEAST PLATEAU AIR BASIN			X	CA 60 Near-road Portion of San Bernardino, Riverside, and Los Angeles Counties	X		
				Remainder of Air Basin			X

FIGURE 6

2018
 Area Designations for State
 Ambient Air Quality Standards
 SULFUR DIOXIDE



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 6

**California Ambient Air Quality Standards
Area Designation for Sulfur Dioxide***

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

* The area designated for sulfur dioxide is a county or portion of a county

FIGURE 7

2018
Area Designations for State
Ambient Air Quality Standards
SULFATES



TABLE 7

**California Ambient Air Quality Standards
Area Designation for Sulfates**

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SACRAMENTO VALLEY AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN DIEGO AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH COAST AIR BASIN			X	SOUTH COAST AIR BASIN			X
NORTHEAST PLATEAU AIR BASIN			X				

FIGURE 8

2018
Area Designations for State
Ambient Air Quality Standards
LEAD



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 8

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

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN			X	SALTON SEA AIR BASIN			X
LAKE COUNTY AIR BASIN			X	SAN DIEGO AIR BASIN			X
LAKE TAHOE AIR BASIN			X	SAN FRANCISCO BAY AREA AIR BASIN			X
MOJAVE DESERT AIR BASIN			X	SAN JOAQUIN VALLEY AIR BASIN			X
MOUNTAIN COUNTIES AIR BASIN			X	SOUTH CENTRAL COAST AIR BASIN			X
NORTH CENTRAL COAST AIR BASIN			X	SOUTH COAST AIR BASIN			X
NORTH COAST AIR BASIN			X				
NORTHEAST PLATEAU AIR BASIN			X				
SACRAMENTO VALLEY AIR BASIN			X				

* 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

2018
Area Designations for State
Ambient Air Quality Standards
HYDROGEN SULFIDE



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 9

**California Ambient Air Quality Standards
Area Designation for Hydrogen Sulfide***

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN					NORTH CENTRAL COAST AIR BASIN			X	
Alpine County			X		NORTH COAST AIR BASIN				
Inyo County				X	Del Norte County			X	
Mono County				X	Humboldt County				X
LAKE COUNTY AIR BASIN				X	Mendocino County			X	
LAKE TAHOE AIR BASIN			X		Sonoma County (portion)				
MOJAVE DESERT AIR BASIN					- Geyser Geothermal Area (2)				X
Kern County (portion)			X		- Remainder of County			X	
Los Angeles County (portion)			X		Trinity County			X	
Riverside County (portion)			X		NORTHEAST PLATEAU AIR BASIN			X	
San Bernardino County (portion)					SACRAMENTO VALLEY AIR BASIN			X	
- Searles Valley Planning Area (1)	X				SALTON SEA AIR BASIN			X	
- Remainder of County			X		SAN DIEGO AIR BASIN			X	
MOUNTAIN COUNTIES AIR BASIN					SAN FRANCISCO BAY AREA AIR BASIN			X	
Amador County					SAN JOAQUIN VALLEY AIR BASIN			X	
- City of Sutter Creek	X				SOUTH CENTRAL COAST AIR BASIN				
- Remainder of County			X		San Luis Obispo County				X
Calaveras County			X		Santa Barbara County				X
El Dorado County (portion)			X		Ventura County			X	
Mariposa County			X		SOUTH COAST AIR BASIN			X	
Nevada County			X						
Placer County (portion)			X						
Plumas County			X						
Sierra County			X						
Tuolumne County			X						

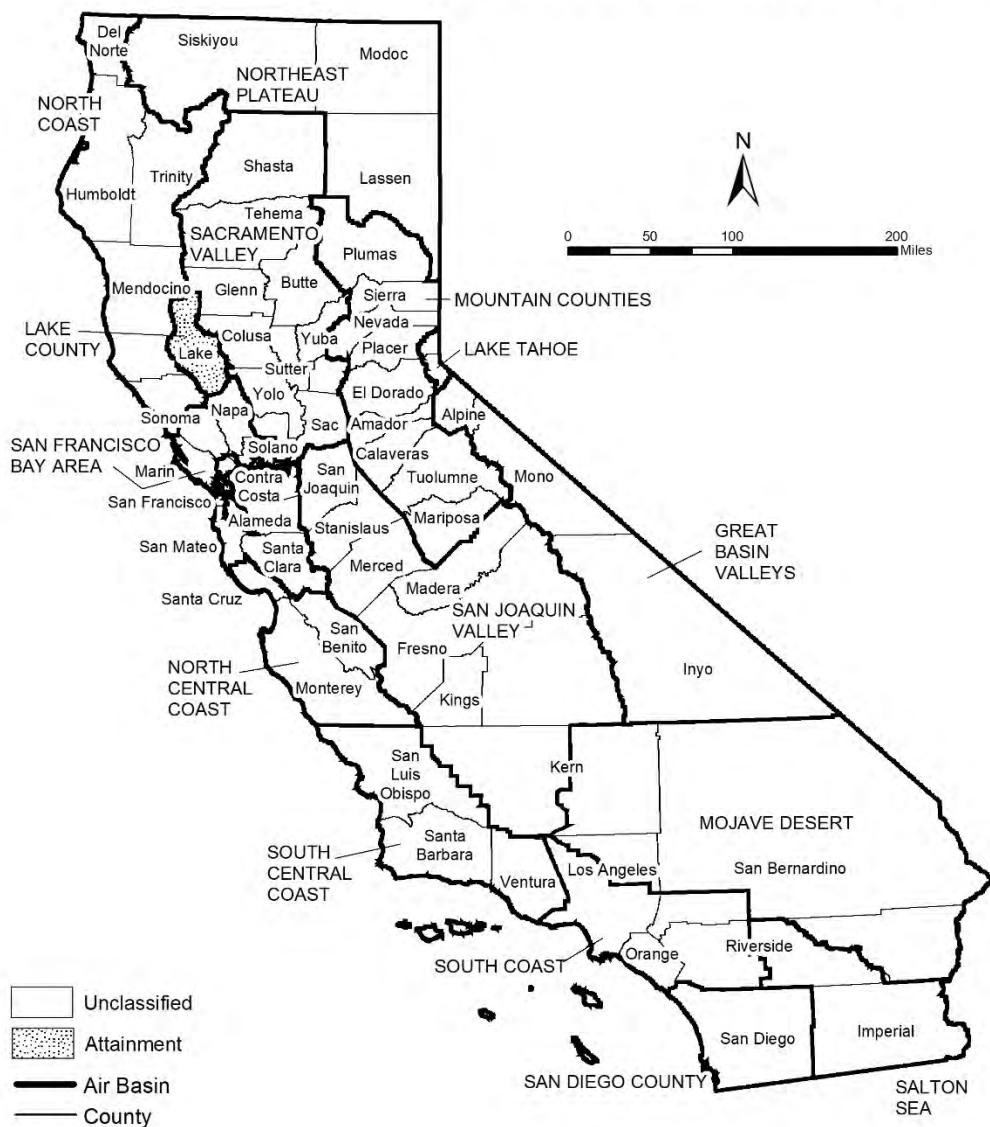
* The area designated for hydrogen sulfide is a county or portion of a county

(1) 52 Federal Register 29384 (August 7, 1987)

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

FIGURE 10

**2018
Area Designations for State
Ambient Air Quality Standards
VISIBILITY REDUCING PARTICLES**



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 10

**California Ambient Air Quality Standards
Area Designation for Visibility Reducing Particles**

	N	NA-T	U	A		N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN			X		SACRAMENTO VALLEY AIR BASIN			X	
LAKE COUNTY AIR BASIN				X	SALTON SEA AIR BASIN			X	
LAKE TAHOE AIR BASIN			X		SAN DIEGO AIR BASIN			X	
MOJAVE DESERT AIR BASIN			X		SAN FRANCISCO BAY AREA AIR BASIN			X	
MOUNTAIN COUNTIES AIR BASIN			X		SAN JOAQUIN VALLEY AIR BASIN			X	
NORTH CENTRAL COAST AIR BASIN			X		SOUTH CENTRAL COAST AIR BASIN			X	
NORTH COAST AIR BASIN			X		SOUTH COAST AIR BASIN			X	
NORTHEAST PLATEAU AIR BASIN			X						

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
- Nonattainment
- Unclassifiable

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
- Unclassifiable/Attainment

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. Original 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. New area designations reflecting this revised standard became final 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,
- Unclassifiable, and
- Attainment/Unclassifiable.

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

Area Designations for National Ambient Air Quality Standards 8-HOUR OZONE

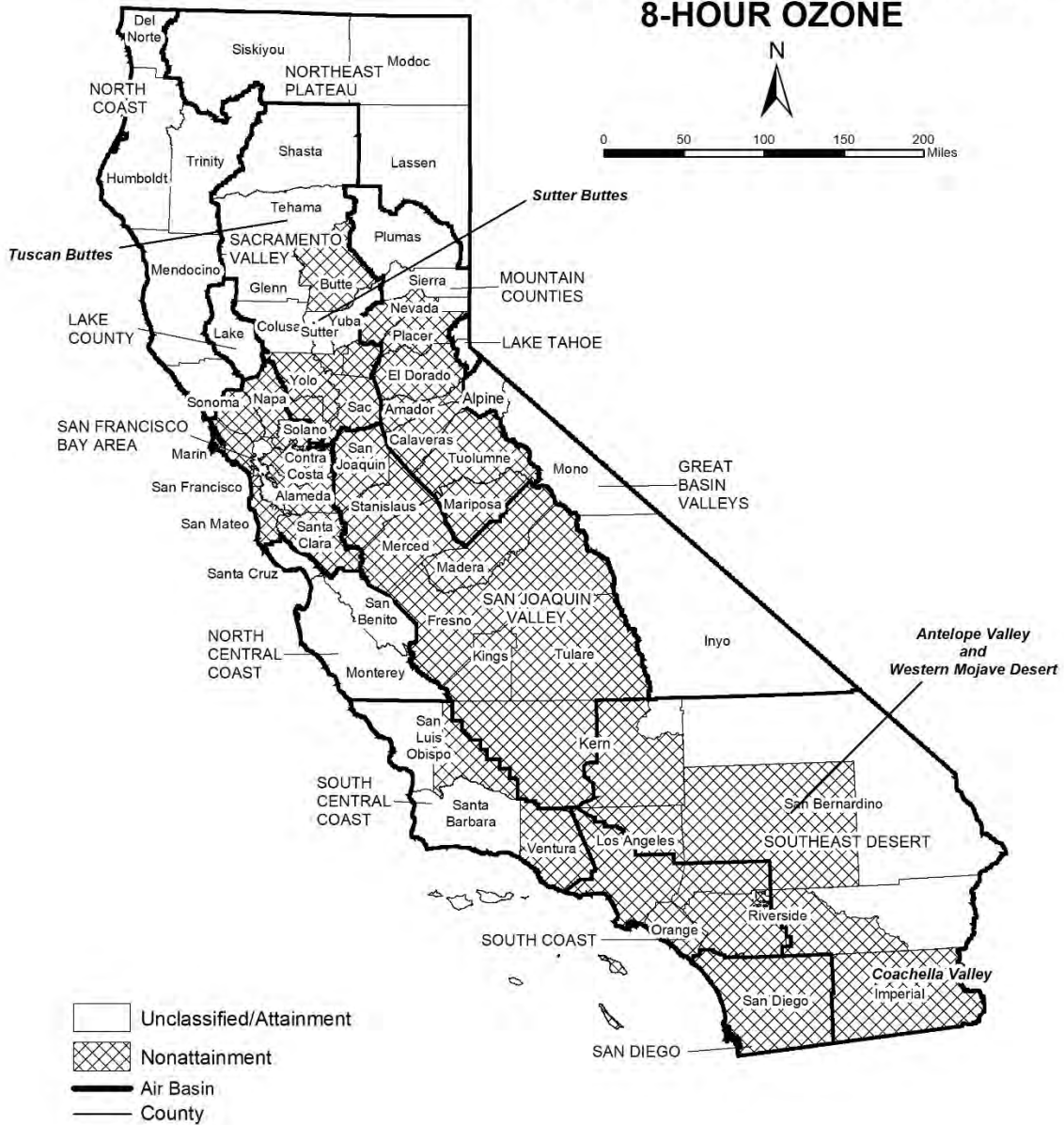


TABLE 11

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

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SACRAMENTO VALLEY AIR BASIN (cont.)		
LAKE COUNTY AIR BASIN		X	Yolo County (2)	X	
LAKE TAHOE AIR BASIN		X	Yuba County		X
MOUNTAIN COUNTIES AIR BASIN			SAN DIEGO COUNTY	X	
Amador County	X		SAN FRANCISCO BAY AREA AIR BASIN	X	
Calaveras County	X		SAN JOAQUIN VALLEY AIR BASIN	X	
El Dorado County (portion) (2)	X		SOUTH CENTRAL COAST AIR BASIN (1)		
Mariposa County	X		San Luis Obispo County		
Nevada County			- Eastern San Luis Obispo County	X	
- Western Nevada County	X		- Remainder of County		X
- Remainder of County		X	Santa Barbara County		X
Placer County (portion) (2)	X		Ventura County		
Plumas County		X	- Area excluding Anacapa and San Nicolas Islands	X	
Sierra County		X	- Channel Islands (1)		X
Tuolumne County	X		SOUTH COAST AIR BASIN (1)	X	
NORTH CENTRAL COAST AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		
NORTH COAST AIR BASIN		X	Kern County (portion)	X	
NORTHEAST PLATEAU AIR BASIN		X	- Indian Wells Valley		X
SACRAMENTO VALLEY AIR BASIN			Imperial County	X	
Butte County	X		Los Angeles County (portion)	X	
Colusa County		X	Riverside County (portion)		
Glenn County		X	- Coachella Valley	X	
Sacramento Metro Area (2)	X		- Non-AQMA portion		X
Shasta County		X	San Bernardino County		
Sutter County			- Western portion (AQMA)	X	
- Sutter Buttes	X		- Eastern portion (non-AQMA)		X
- Southern portion of Sutter County (2)	X				
- Remainder of Sutter County		X			
Tehama County					
- Tuscan Buttes	X				
- Remainder of Tehama County		X			

* 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) 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.

(2) 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.

FIGURE 12

Area Designations for National Ambient Air Quality Standards PM10



TABLE 12

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

	N	U	A		N	U	A
GREAT BASIN VALLEYS AIR BASIN				SAN DIEGO COUNTY		X	
Alpine County		X		SAN FRANCISCO BAY AREA AIR BASIN		X	
Inyo County				SAN JOAQUIN VALLEY AIR BASIN			X
- Owens Valley Planning Area	X			SOUTH CENTRAL COAST AIR BASIN		X	
- Coso Junction			X	SOUTH COAST AIR BASIN			X
- Remainder of County		X		SOUTHEAST DESERT AIR BASIN			
Mono County				Eastern Kern County			
- Mammoth Lake Planning Area			X	- Indian Wells Valley			X
- Mono Lake Basin	X			- Portion within San Joaquin Valley Planning Area	X		
- Remainder of County		X		- Remainder of County		X	
LAKE COUNTY AIR BASIN		X		Imperial County			
LAKE TAHOE AIR BASIN		X		- Imperial Valley Planning Area	X		
MOUNTAIN COUNTIES AIR BASIN				- Remainder of County		X	
Placer County (portion) (2)		X		Los Angeles County (portion)		X	
Remainder of Air Basin		X		Riverside County (portion)			
NORTH CENTRAL COAST AIR BASIN		X		- Coachella Valley (3)	X		
NORTH COAST AIR BASIN		X		- Non-AQMA portion		X	
NORTHEAST PLATEAU AIR BASIN		X		San Bernardino County			
SACRAMENTO VALLEY AIR BASIN				- Trona	X		
Butte County		X		- Remainder of County	X		
Colusa County		X					
Glenn County		X					
Placer County (portion) (2)		X					
Sacramento County (1)			X				
Shasta County		X					
Solano County (portion)		X					
Sutter County		X					
Tehama County		X					
Yolo County		X					
Yuba County		X					

* 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) U.S. EPA designation puts the Sacramento Valley Air Basin portion of Placer County in the Mountain Counties Air Basin.

(3) Air quality in Coachella Valley meets the national PM10 standards. A request for redesignation to attainment has been submitted to U.S. EPA.

FIGURE 13

Area Designations for National Ambient Air Quality Standards PM2.5



Source Date:
 October 2018
 Air Quality Planning and Science Division

TABLE 13

**National Ambient Air Quality Standards
Area Designations for Fine Particulate Matter (PM2.5)***

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE COUNTY AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN (2)	X	
LAKE TAHOE AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN	X	
MOUNTAIN COUNTIES AIR BASIN			SOUTH CENTRAL COAST AIR BASIN		X
Plumas County			SOUTH COAST AIR BASIN (3)	X	
- Portola Valley Portion of Plumas	X		SOUTHEAST DESERT AIR BASIN		
- Remainder of Plumas County		X	Imperial County (portion) (4)	X	
Remainder of Air Basin		X	Remainder of Air Basin		X
NORTH CENTRAL COAST AIR BASIN		X			
NORTH COAST AIR BASIN		X			
NORTHEAST PLATEAU AIR BASIN		X			
SACRAMENTO VALLEY AIR BASIN					
Sacramento Metro Area (1)	X				
Sutter County		X			
Yuba County (portion)		X			
Remainder of Air Basin		X			

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305. This map reflects the 2006 24-hour PM2.5 standard as well as the 1997 and 2012 PM2.5 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 PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

(2) Air quality in this area meets the national PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 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 PM2.5 standards. A Determination of Attainment for the 2006 24-hour PM2.5 standard was made by U.S. EPA in June 2017.

FIGURE 14

**Area Designations for National Ambient Air Quality Standards
CARBON MONOXIDE**



Source Date:
 October 2018
 Air Quality Planning and Science Division

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

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

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

FIGURE 15

Area Designations for National Ambient Air Quality Standards NITROGEN DIOXIDE



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

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

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

FIGURE 16

Area Designations for National Ambient Air Quality Standards SULFUR DIOXIDE



Source Date:
October 2018
Air Quality Planning and Science Division

TABLE 16

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

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		
LAKE COUNTY AIR BASIN		X	San Luis Obispo County		X
LAKE TAHOE AIR BASIN		X	Santa Barbara County		X
MOUNTAIN COUNTIES AIR BASIN		X	Ventura County		X
NORTH CENTRAL COAST AIR BASIN		X	Channel Islands (1)		X
NORTH COAST AIR BASIN		X	SOUTH COAST AIR BASIN		X
NORTHEAST PLATEAU AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		
SACRAMENTO VALLEY AIR BASIN		X	Imperial County		X
SAN DIEGO COUNTY		X	Remainder of Air Basin		X
SAN FRANCISCO BAY AREA AIR BASIN		X			
SAN JOAQUIN VALLEY AIR BASIN					
Fresno County		X			
Kern County (portion)		X			
Kings County		X			
Madera County		X			
Merced County		X			
San Joaquin County		X			
Stanislaus County		X			
Tulare County		X			

* 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

Area Designations for National Ambient Air Quality Standards LEAD



TABLE 17

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

	N	U/A		N	U/A
GREAT BASIN VALLEYS AIR BASIN		X	SAN DIEGO COUNTY		X
LAKE COUNTY AIR BASIN		X	SAN FRANCISCO BAY AREA AIR BASIN		X
LAKE TAHOE AIR BASIN		X	SAN JOAQUIN VALLEY AIR BASIN		X
MOUNTAIN COUNTIES AIR BASIN		X	SOUTH CENTRAL COAST AIR BASIN		X
NORTH CENTRAL COAST AIR BASIN		X	SOUTH COAST AIR BASIN		
NORTH COAST AIR BASIN		X	Los Angeles County (portion) (1)	X	
NORTHEAST PLATEAU AIR BASIN		X	Remainder of Air Basin		X
SACRAMENTO VALLEY AIR BASIN		X	SOUTHEAST DESERT AIR BASIN		X

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

This page intentionally left blank

APPENDIX 3.1:

CALEEMOD CONSTRUCTION EMISSIONS MODEL OUTPUTS

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Unmitigated
Riverside-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Per Rule 1113

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	1.0506	9.3389	9.3595	0.0328	2.5690	0.3274	2.8964	0.8305	0.3043	1.1348	0.0000	3,027.4321	3,027.4321	0.3292	0.2052	3,096.8197
2024	4.7223	4.2633	6.7325	0.0193	1.2480	0.1522	1.4002	0.3190	0.1422	0.4612	0.0000	1,779.4250	1,779.4250	0.1761	0.0909	1,810.9257
Maximum	4.7223	9.3389	9.3595	0.0328	2.5690	0.3274	2.8964	0.8305	0.3043	1.1348	0.0000	3,027.4321	3,027.4321	0.3292	0.2052	3,096.8197

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.6170	7.2135	10.6278	0.0328	1.9084	0.2184	2.1268	0.5689	0.2170	0.7859	0.0000	3,027.4309	3,027.4309	0.3292	0.2052	3,096.8185
2024	4.5529	4.4718	7.3852	0.0193	1.1833	0.2001	1.3834	0.3120	0.1994	0.5114	0.0000	1,779.4243	1,779.4243	0.1761	0.0909	1,810.9250
Maximum	4.5529	7.2135	10.6278	0.0328	1.9084	0.2184	2.1268	0.5689	0.2170	0.7859	0.0000	3,027.4309	3,027.4309	0.3292	0.2052	3,096.8185

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	10.45	14.09	-11.94	0.00	19.00	12.74	18.30	23.36	6.75	18.72	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	12-23-2022	3-22-2023	2.8850	1.7645
6	3-23-2023	6-22-2023	3.9312	2.4658
7	6-23-2023	9-22-2023	2.3755	2.1053
8	9-23-2023	12-22-2023	2.1547	2.0174
9	12-23-2023	3-22-2024	2.2676	2.1837
10	3-23-2024	6-22-2024	1.8580	1.8709
11	6-23-2024	9-22-2024	1.8629	2.0080
12	9-23-2024	9-30-2024	0.3672	0.3674
		Highest	3.9312	2.4658

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9700e-003	1.9000e-004	0.0213	0.0000	0.0000	8.0000e-005	8.0000e-005	0.0000	8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9700e-003	1.9000e-004	0.0213	0.0000	0.0000	8.0000e-005	8.0000e-005	0.0000	8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55
11	Paving	Paving	6/11/2024	9/9/2024	5	65
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.2300e-003	0.0000	4.2300e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0250	0.2363	0.2161	4.3000e-004		0.0110	0.0110		0.0102	0.0102	0.0000	37.3913	37.3913	0.0105	0.0000	37.6531
Total	0.0250	0.2363	0.2161	4.3000e-004	4.2300e-003	0.0110	0.0152	6.4000e-004	0.0102	0.0109	0.0000	37.3913	37.3913	0.0105	0.0000	37.6531

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	2.0500e-003	5.4000e-004	1.0000e-005	3.4000e-004	2.0000e-005	3.6000e-004	9.0000e-005	2.0000e-005	1.1000e-004	0.0000	1.0387	1.0387	1.0000e-005	1.6000e-004	1.0879
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.0000e-004	5.1800e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3965	1.3965	3.0000e-005	4.0000e-005	1.4082
Total	5.8000e-004	2.4500e-003	5.7200e-003	3.0000e-005	2.1500e-003	3.0000e-005	2.1800e-003	5.7000e-004	3.0000e-005	6.0000e-004	0.0000	2.4352	2.4352	4.0000e-005	2.0000e-004	2.4961

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6500e-003	0.0000	1.6500e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.2014	0.2714	4.3000e-004		9.4900e-003	9.4900e-003		9.4900e-003	9.4900e-003	0.0000	37.3912	37.3912	0.0105	0.0000	37.6530
Total	0.0102	0.2014	0.2714	4.3000e-004	1.6500e-003	9.4900e-003	0.0111	2.5000e-004	9.4900e-003	9.7400e-003	0.0000	37.3912	37.3912	0.0105	0.0000	37.6530

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	2.0500e-003	5.4000e-004	1.0000e-005	3.4000e-004	2.0000e-005	3.6000e-004	9.0000e-005	2.0000e-005	1.1000e-004	0.0000	1.0387	1.0387	1.0000e-005	1.6000e-004	1.0879
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.0000e-004	5.1800e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3965	1.3965	3.0000e-005	4.0000e-005	1.4082
Total	5.8000e-004	2.4500e-003	5.7200e-003	3.0000e-005	2.1500e-003	3.0000e-005	2.1800e-003	5.7000e-004	3.0000e-005	6.0000e-004	0.0000	2.4352	2.4352	4.0000e-005	2.0000e-004	2.4961

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2800e-003	0.0126	7.1400e-003	3.0000e-005		4.2000e-004	4.2000e-004		3.9000e-004	3.9000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205
Total	1.2800e-003	0.0126	7.1400e-003	3.0000e-005	0.0000	4.2000e-004	4.2000e-004	0.0000	3.9000e-004	3.9000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896
Total	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0142	0.0159	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205
Total	7.3000e-004	0.0142	0.0159	3.0000e-005	0.0000	5.4000e-004	5.4000e-004	0.0000	5.4000e-004	5.4000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896
Total	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0849	0.0000	0.0849	0.0291	0.0000	0.0291	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0369	0.3780	0.2001	5.3000e-004		0.0171	0.0171		0.0158	0.0158	0.0000	46.6157	46.6157	0.0151	0.0000	46.9927
Total	0.0369	0.3780	0.2001	5.3000e-004	0.0849	0.0171	0.1021	0.0291	0.0158	0.0449	0.0000	46.6157	46.6157	0.0151	0.0000	46.9927

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923
Total	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0331	0.0000	0.0331	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0700e-003	0.1493	0.2931	5.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	46.6157	46.6157	0.0151	0.0000	46.9926
Total	9.0700e-003	0.1493	0.2931	5.3000e-004	0.0331	1.7000e-003	0.0348	0.0114	1.7000e-003	0.0131	0.0000	46.6157	46.6157	0.0151	0.0000	46.9926

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompact - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923
Total	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5054	0.0000	0.5054	0.2067	0.0000	0.2067	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2684	2.8156	1.9808	4.8900e-003		0.1140	0.1140		0.1048	0.1048	0.0000	429.2270	429.2270	0.1388	0.0000	432.6975
Total	0.2684	2.8156	1.9808	4.8900e-003	0.5054	0.1140	0.6194	0.2067	0.1048	0.3115	0.0000	429.2270	429.2270	0.1388	0.0000	432.6975

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0230	1.1464	0.3014	5.9800e-003	0.1877	0.0131	0.2008	0.0515	0.0126	0.0641	0.0000	579.6376	579.6376	8.1800e-003	0.0913	607.0605
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.2600e-003	0.0295	9.0000e-005	0.0103	5.0000e-005	0.0104	2.7400e-003	5.0000e-005	2.7900e-003	0.0000	7.9598	7.9598	2.0000e-004	2.1000e-004	8.0269
Total	0.0261	1.1487	0.3310	6.0700e-003	0.1980	0.0132	0.2112	0.0543	0.0126	0.0669	0.0000	587.5974	587.5974	8.3800e-003	0.0916	615.0873

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1971	0.0000	0.1971	0.0806	0.0000	0.0806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0845	1.4132	2.6152	4.8900e-003		0.0187	0.0187		0.0187	0.0187	0.0000	429.2265	429.2265	0.1388	0.0000	432.6970
Total	0.0845	1.4132	2.6152	4.8900e-003	0.1971	0.0187	0.2158	0.0806	0.0187	0.0993	0.0000	429.2265	429.2265	0.1388	0.0000	432.6970

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0230	1.1464	0.3014	5.9800e-003	0.1877	0.0131	0.2008	0.0515	0.0126	0.0641	0.0000	579.6376	579.6376	8.1800e-003	0.0913	607.0605
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.2600e-003	0.0295	9.0000e-005	0.0103	5.0000e-005	0.0104	2.7400e-003	5.0000e-005	2.7900e-003	0.0000	7.9598	7.9598	2.0000e-004	2.1000e-004	8.0269
Total	0.0261	1.1487	0.3310	6.0700e-003	0.1980	0.0132	0.2112	0.0543	0.0126	0.0669	0.0000	587.5974	587.5974	8.3800e-003	0.0916	615.0873

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0849	0.0000	0.0849	0.0291	0.0000	0.0291	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0316	0.3369	0.2201	5.7000e-004		0.0133	0.0133		0.0122	0.0122	0.0000	49.9975	49.9975	0.0162	0.0000	50.4017
Total	0.0316	0.3369	0.2201	5.7000e-004	0.0849	0.0133	0.0982	0.0291	0.0122	0.0413	0.0000	49.9975	49.9975	0.0162	0.0000	50.4017

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602
Total	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0331	0.0000	0.0331	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1741	0.3027	5.7000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	49.9974	49.9974	0.0162	0.0000	50.4017
Total	0.0102	0.1741	0.3027	5.7000e-004	0.0331	2.7900e-003	0.0359	0.0114	2.7900e-003	0.0142	0.0000	49.9974	49.9974	0.0162	0.0000	50.4017

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602
Total	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3505	0.0000	0.3505	0.1576	0.0000	0.1576	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0520	0.5016	0.2875	5.7000e-004		0.0286	0.0286		0.0263	0.0263	0.0000	50.1666	50.1666	0.0162	0.0000	50.5723
Total	0.0520	0.5016	0.2875	5.7000e-004	0.3505	0.0286	0.3791	0.1576	0.0263	0.1839	0.0000	50.1666	50.1666	0.0162	0.0000	50.5723

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044
Total	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1367	0.0000	0.1367	0.0614	0.0000	0.0614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0140	0.2860	0.3444	5.7000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	50.1666	50.1666	0.0162	0.0000	50.5722
Total	0.0140	0.2860	0.3444	5.7000e-004	0.1367	0.0142	0.1509	0.0614	0.0142	0.0756	0.0000	50.1666	50.1666	0.0162	0.0000	50.5722

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044
Total	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2410	2.2230	2.4927	4.1500e-003		0.1077	0.1077		0.1012	0.1012	0.0000	357.6976	357.6976	0.0871	0.0000	359.8760
Total	0.2410	2.2230	2.4927	4.1500e-003		0.1077	0.1077		0.1012	0.1012	0.0000	357.6976	357.6976	0.0871	0.0000	359.8760

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.2713	0.5065	6.4900e-003	0.2343	0.0106	0.2448	0.0676	0.0101	0.0777	0.0000	623.8729	623.8729	6.3100e-003	0.0923	651.5209
Worker	0.3083	0.2284	2.9814	8.6600e-003	1.0438	4.9800e-003	1.0488	0.2772	4.5800e-003	0.2818	0.0000	803.7442	803.7442	0.0198	0.0211	810.5206
Total	0.3485	1.4997	3.4878	0.0152	1.2781	0.0156	1.2936	0.3448	0.0147	0.3595	0.0000	1,427.6171	1,427.6171	0.0261	0.1133	1,462.0415

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1037	2.1916	2.7556	4.1500e-003		0.1386	0.1386		0.1386	0.1386	0.0000	357.6972	357.6972	0.0871	0.0000	359.8755
Total	0.1037	2.1916	2.7556	4.1500e-003		0.1386	0.1386		0.1386	0.1386	0.0000	357.6972	357.6972	0.0871	0.0000	359.8755

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.2713	0.5065	6.4900e-003	0.2343	0.0106	0.2448	0.0676	0.0101	0.0777	0.0000	623.8729	623.8729	6.3100e-003	0.0923	651.5209
Worker	0.3083	0.2284	2.9814	8.6600e-003	1.0438	4.9800e-003	1.0488	0.2772	4.5800e-003	0.2818	0.0000	803.7442	803.7442	0.0198	0.0211	810.5206
Total	0.3485	1.4997	3.4878	0.0152	1.2781	0.0156	1.2936	0.3448	0.0147	0.3595	0.0000	1,427.6171	1,427.6171	0.0261	0.1133	1,462.0415

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1818	1.6733	1.9983	3.3500e-003		0.0762	0.0762		0.0715	0.0715	0.0000	288.2041	288.2041	0.0698	0.0000	289.9498
Total	0.1818	1.6733	1.9983	3.3500e-003		0.0762	0.0762		0.0715	0.0715	0.0000	288.2041	288.2041	0.0698	0.0000	289.9498

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0319	1.0242	0.4034	5.1400e-003	0.1887	8.4500e-003	0.1972	0.0544	8.0900e-003	0.0625	0.0000	494.8223	494.8223	5.2600e-003	0.0731	516.7239
Worker	0.2319	0.1638	2.2499	6.7500e-003	0.8409	3.8300e-003	0.8447	0.2233	3.5300e-003	0.2268	0.0000	631.9476	631.9476	0.0145	0.0158	637.0085
Total	0.2637	1.1880	2.6533	0.0119	1.0296	0.0123	1.0419	0.2777	0.0116	0.2893	0.0000	1,126.7699	1,126.7699	0.0197	0.0888	1,153.7324

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0835	1.7654	2.2198	3.3500e-003		0.1116	0.1116		0.1116	0.1116	0.0000	288.2038	288.2038	0.0698	0.0000	289.9494
Total	0.0835	1.7654	2.2198	3.3500e-003		0.1116	0.1116		0.1116	0.1116	0.0000	288.2038	288.2038	0.0698	0.0000	289.9494

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0319	1.0242	0.4034	5.1400e-003	0.1887	8.4500e-003	0.1972	0.0544	8.0900e-003	0.0625	0.0000	494.8223	494.8223	5.2600e-003	0.0731	516.7239
Worker	0.2319	0.1638	2.2499	6.7500e-003	0.8409	3.8300e-003	0.8447	0.2233	3.5300e-003	0.2268	0.0000	631.9476	631.9476	0.0145	0.0158	637.0085
Total	0.2637	1.1880	2.6533	0.0119	1.0296	0.0123	1.0419	0.2777	0.0116	0.2893	0.0000	1,126.7699	1,126.7699	0.0197	0.0888	1,153.7324

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1825	0.1085	3.4000e-004		6.5300e-003	6.5300e-003		6.0100e-003	6.0100e-003	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813
Total	0.0171	0.1825	0.1085	3.4000e-004	0.0530	6.5300e-003	0.0596	5.7300e-003	6.0100e-003	0.0117	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535
Total	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	2.2300e-003	0.0000	2.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-003	0.1313	0.1830	3.4000e-004		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813
Total	7.2000e-003	0.1313	0.1830	3.4000e-004	0.0207	3.7100e-003	0.0244	2.2300e-003	3.7100e-003	5.9400e-003	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535
Total	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1061	0.0000	0.1061	0.0115	0.0000	0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.3934	0.2704	8.3000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	72.5928	72.5928	0.0235	0.0000	73.1797
Total	0.0389	0.3934	0.2704	8.3000e-004	0.1061	0.0146	0.1207	0.0115	0.0134	0.0249	0.0000	72.5928	72.5928	0.0235	0.0000	73.1797

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649
Total	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0414	0.0000	0.0414	4.4700e-003	0.0000	4.4700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.3340	0.4528	8.3000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	72.5927	72.5927	0.0235	0.0000	73.1797
Total	0.0179	0.3340	0.4528	8.3000e-004	0.0414	0.0111	0.0524	4.4700e-003	0.0111	0.0155	0.0000	72.5927	72.5927	0.0235	0.0000	73.1797

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649
Total	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.2619	0.4022	6.3000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	55.0730	55.0730	0.0178	0.0000	55.5183
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0723	0.2619	0.4022	6.3000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	55.0730	55.0730	0.0178	0.0000	55.5183

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348
Total	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0154	0.3106	0.4756	6.3000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	55.0729	55.0729	0.0178	0.0000	55.5182
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0605	0.3106	0.4756	6.3000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	55.0729	55.0729	0.0178	0.0000	55.5182

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348
Total	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0642	0.6191	0.9507	1.4800e-003		0.0305	0.0305		0.0280	0.0280	0.0000	130.1725	130.1725	0.0421	0.0000	131.2250
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1093	0.6191	0.9507	1.4800e-003		0.0305	0.0305		0.0280	0.0280	0.0000	130.1725	130.1725	0.0421	0.0000	131.2250

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185
Total	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0365	0.7342	1.1242	1.4800e-003		0.0396	0.0396		0.0396	0.0396	0.0000	130.1723	130.1723	0.0421	0.0000	131.2248
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0816	0.7342	1.1242	1.4800e-003		0.0396	0.0396		0.0396	0.0396	0.0000	130.1723	130.1723	0.0421	0.0000	131.2248

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185
Total	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.0095					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0157	0.1056	0.1569	2.6000e-004		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1594
Total	4.0252	0.1056	0.1569	2.6000e-004		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1594

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430
Total	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.0095					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1500e-003	0.1176	0.1588	2.6000e-004		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1593
Total	4.0147	0.1176	0.1588	2.6000e-004		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1593

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430
Total	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Unmitigated	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Total	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Total	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Unmitigated
Riverside-South Coast County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Per Rule 1113

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	12.2787	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	124.7519	68.0261	100.5768	0.3144	23.4896	2.2554	25.7451	5.4708	2.1057	7.5765	0.0000	31,952.06 66	31,952.06 66	2.9989	1.6764	32,526.61 92
Maximum	124.7519	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.8366	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	124.4283	66.6444	113.5150	0.3144	20.2551	2.6900	22.9451	5.1216	2.6784	7.8000	0.0000	31,952.06 65	31,952.06 65	2.9989	1.6764	32,526.61 92
Maximum	124.4283	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.48	24.67	-9.69	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.27 10	22,404.27 10	0.3178	3.5303	23,464.25 50
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.31 80	22,736.31 80	0.3254	3.5381	23,798.79 86

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.2710	22,404.2710	0.3178	3.5303	23,464.2550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.3180	22,736.3180	0.3254	3.5381	23,798.7986

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.992 4	4,000.992 4	1.2940		4,033.342 5
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.992 4	4,000.992 4	1.2940		4,033.342 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	123.8526	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	123.5291	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Construction Unmitigated

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Per Rule 1113

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.9295	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	124.6980	69.1450	92.2257	0.3027	23.4896	2.2559	25.7455	5.4708	2.1061	7.5770	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	124.6980	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.4873	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	124.3745	67.7633	105.1639	0.3027	20.2551	2.6905	22.9456	5.1216	2.6789	7.8005	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	124.3745	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.49	24.27	-10.56	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.30 91	22,439.30 91	0.3145	3.5359	23,500.86 32
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.17 35	22,740.17 35	0.3221	3.5438	23,804.27 77

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.3091	22,439.3091	0.3145	3.5359	23,500.8632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.1735	22,740.1735	0.3221	3.5438	23,804.2777

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.9924	4,000.9924	1.2940		4,033.3425
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.9924	4,000.9924	1.2940		4,033.3425

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	123.8526	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	123.5291	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Mitigated
Riverside-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Project will utilize super-compliant architectural coatings.

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	1.0506	9.3389	9.3595	0.0328	2.5690	0.3274	2.8964	0.8305	0.3043	1.1348	0.0000	3,027.4321	3,027.4321	0.3292	0.2052	3,096.8197
2024	1.6815	4.2633	6.7325	0.0193	1.2480	0.1522	1.4002	0.3190	0.1422	0.4612	0.0000	1,779.4250	1,779.4250	0.1761	0.0909	1,810.9257
Maximum	1.6815	9.3389	9.3595	0.0328	2.5690	0.3274	2.8964	0.8305	0.3043	1.1348	0.0000	3,027.4321	3,027.4321	0.3292	0.2052	3,096.8197

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.6170	7.2135	10.6278	0.0328	1.9084	0.2184	2.1268	0.5689	0.2170	0.7859	0.0000	3,027.4309	3,027.4309	0.3292	0.2052	3,096.8185
2024	1.5121	4.4718	7.3852	0.0193	1.1833	0.2001	1.3834	0.3120	0.1994	0.5114	0.0000	1,779.4243	1,779.4243	0.1761	0.0909	1,810.9250
Maximum	1.5121	7.2135	10.6278	0.0328	1.9084	0.2184	2.1268	0.5689	0.2170	0.7859	0.0000	3,027.4309	3,027.4309	0.3292	0.2052	3,096.8185

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	22.07	14.09	-11.94	0.00	19.00	12.74	18.30	23.36	6.75	18.72	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
5	12-23-2022	3-22-2023	2.8850	1.7645
6	3-23-2023	6-22-2023	3.9312	2.4658
7	6-23-2023	9-22-2023	2.3755	2.1053
8	9-23-2023	12-22-2023	2.1547	2.0174
9	12-23-2023	3-22-2024	2.2676	2.1837
10	3-23-2024	6-22-2024	1.8580	1.8709
11	6-23-2024	9-22-2024	1.4285	1.5736
12	9-23-2024	9-30-2024	0.0999	0.1000
		Highest	3.9312	2.4658

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9700e-003	1.9000e-004	0.0213	0.0000	0.0000	8.0000e-005	8.0000e-005	0.0000	8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.9700e-003	1.9000e-004	0.0213	0.0000	0.0000	8.0000e-005	8.0000e-005	0.0000	8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55
11	Paving	Paving	6/11/2024	9/9/2024	5	65
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42
Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.2300e-003	0.0000	4.2300e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0250	0.2363	0.2161	4.3000e-004		0.0110	0.0110		0.0102	0.0102	0.0000	37.3913	37.3913	0.0105	0.0000	37.6531
Total	0.0250	0.2363	0.2161	4.3000e-004	4.2300e-003	0.0110	0.0152	6.4000e-004	0.0102	0.0109	0.0000	37.3913	37.3913	0.0105	0.0000	37.6531

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	2.0500e-003	5.4000e-004	1.0000e-005	3.4000e-004	2.0000e-005	3.6000e-004	9.0000e-005	2.0000e-005	1.1000e-004	0.0000	1.0387	1.0387	1.0000e-005	1.6000e-004	1.0879
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.0000e-004	5.1800e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3965	1.3965	3.0000e-005	4.0000e-005	1.4082
Total	5.8000e-004	2.4500e-003	5.7200e-003	3.0000e-005	2.1500e-003	3.0000e-005	2.1800e-003	5.7000e-004	3.0000e-005	6.0000e-004	0.0000	2.4352	2.4352	4.0000e-005	2.0000e-004	2.4961

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6500e-003	0.0000	1.6500e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.2014	0.2714	4.3000e-004		9.4900e-003	9.4900e-003		9.4900e-003	9.4900e-003	0.0000	37.3912	37.3912	0.0105	0.0000	37.6530
Total	0.0102	0.2014	0.2714	4.3000e-004	1.6500e-003	9.4900e-003	0.0111	2.5000e-004	9.4900e-003	9.7400e-003	0.0000	37.3912	37.3912	0.0105	0.0000	37.6530

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.0000e-005	2.0500e-003	5.4000e-004	1.0000e-005	3.4000e-004	2.0000e-005	3.6000e-004	9.0000e-005	2.0000e-005	1.1000e-004	0.0000	1.0387	1.0387	1.0000e-005	1.6000e-004	1.0879
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.0000e-004	5.1800e-003	2.0000e-005	1.8100e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.3965	1.3965	3.0000e-005	4.0000e-005	1.4082
Total	5.8000e-004	2.4500e-003	5.7200e-003	3.0000e-005	2.1500e-003	3.0000e-005	2.1800e-003	5.7000e-004	3.0000e-005	6.0000e-004	0.0000	2.4352	2.4352	4.0000e-005	2.0000e-004	2.4961

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2800e-003	0.0126	7.1400e-003	3.0000e-005		4.2000e-004	4.2000e-004		3.9000e-004	3.9000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205
Total	1.2800e-003	0.0126	7.1400e-003	3.0000e-005	0.0000	4.2000e-004	4.2000e-004	0.0000	3.9000e-004	3.9000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896
Total	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0142	0.0159	3.0000e-005		5.4000e-004	5.4000e-004		5.4000e-004	5.4000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205
Total	7.3000e-004	0.0142	0.0159	3.0000e-005	0.0000	5.4000e-004	5.4000e-004	0.0000	5.4000e-004	5.4000e-004	0.0000	2.5994	2.5994	8.4000e-004	0.0000	2.6205

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896
Total	3.0000e-005	3.0000e-005	3.3000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0889	0.0889	0.0000	0.0000	0.0896

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0849	0.0000	0.0849	0.0291	0.0000	0.0291	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0369	0.3780	0.2001	5.3000e-004		0.0171	0.0171		0.0158	0.0158	0.0000	46.6157	46.6157	0.0151	0.0000	46.9927
Total	0.0369	0.3780	0.2001	5.3000e-004	0.0849	0.0171	0.1021	0.0291	0.0158	0.0449	0.0000	46.6157	46.6157	0.0151	0.0000	46.9927

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923
Total	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0331	0.0000	0.0331	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0700e-003	0.1493	0.2931	5.3000e-004		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	46.6157	46.6157	0.0151	0.0000	46.9926
Total	9.0700e-003	0.1493	0.2931	5.3000e-004	0.0331	1.7000e-003	0.0348	0.0114	1.7000e-003	0.0131	0.0000	46.6157	46.6157	0.0151	0.0000	46.9926

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompact - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923
Total	6.8000e-004	5.0000e-004	6.5900e-003	2.0000e-005	2.3100e-003	1.0000e-005	2.3200e-003	6.1000e-004	1.0000e-005	6.2000e-004	0.0000	1.7773	1.7773	4.0000e-005	5.0000e-005	1.7923

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5054	0.0000	0.5054	0.2067	0.0000	0.2067	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2684	2.8156	1.9808	4.8900e-003		0.1140	0.1140		0.1048	0.1048	0.0000	429.2270	429.2270	0.1388	0.0000	432.6975
Total	0.2684	2.8156	1.9808	4.8900e-003	0.5054	0.1140	0.6194	0.2067	0.1048	0.3115	0.0000	429.2270	429.2270	0.1388	0.0000	432.6975

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0230	1.1464	0.3014	5.9800e-003	0.1877	0.0131	0.2008	0.0515	0.0126	0.0641	0.0000	579.6376	579.6376	8.1800e-003	0.0913	607.0605
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.2600e-003	0.0295	9.0000e-005	0.0103	5.0000e-005	0.0104	2.7400e-003	5.0000e-005	2.7900e-003	0.0000	7.9598	7.9598	2.0000e-004	2.1000e-004	8.0269
Total	0.0261	1.1487	0.3310	6.0700e-003	0.1980	0.0132	0.2112	0.0543	0.0126	0.0669	0.0000	587.5974	587.5974	8.3800e-003	0.0916	615.0873

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1971	0.0000	0.1971	0.0806	0.0000	0.0806	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0845	1.4132	2.6152	4.8900e-003		0.0187	0.0187		0.0187	0.0187	0.0000	429.2265	429.2265	0.1388	0.0000	432.6970
Total	0.0845	1.4132	2.6152	4.8900e-003	0.1971	0.0187	0.2158	0.0806	0.0187	0.0993	0.0000	429.2265	429.2265	0.1388	0.0000	432.6970

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0230	1.1464	0.3014	5.9800e-003	0.1877	0.0131	0.2008	0.0515	0.0126	0.0641	0.0000	579.6376	579.6376	8.1800e-003	0.0913	607.0605
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0500e-003	2.2600e-003	0.0295	9.0000e-005	0.0103	5.0000e-005	0.0104	2.7400e-003	5.0000e-005	2.7900e-003	0.0000	7.9598	7.9598	2.0000e-004	2.1000e-004	8.0269
Total	0.0261	1.1487	0.3310	6.0700e-003	0.1980	0.0132	0.2112	0.0543	0.0126	0.0669	0.0000	587.5974	587.5974	8.3800e-003	0.0916	615.0873

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0849	0.0000	0.0849	0.0291	0.0000	0.0291	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0316	0.3369	0.2201	5.7000e-004		0.0133	0.0133		0.0122	0.0122	0.0000	49.9975	49.9975	0.0162	0.0000	50.4017
Total	0.0316	0.3369	0.2201	5.7000e-004	0.0849	0.0133	0.0982	0.0291	0.0122	0.0413	0.0000	49.9975	49.9975	0.0162	0.0000	50.4017

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602
Total	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0331	0.0000	0.0331	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.1741	0.3027	5.7000e-004		2.7900e-003	2.7900e-003		2.7900e-003	2.7900e-003	0.0000	49.9974	49.9974	0.0162	0.0000	50.4017
Total	0.0102	0.1741	0.3027	5.7000e-004	0.0331	2.7900e-003	0.0359	0.0114	2.7900e-003	0.0142	0.0000	49.9974	49.9974	0.0162	0.0000	50.4017

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602
Total	3.7000e-004	2.7000e-004	3.5300e-003	1.0000e-005	1.2400e-003	1.0000e-005	1.2400e-003	3.3000e-004	1.0000e-005	3.3000e-004	0.0000	0.9521	0.9521	2.0000e-005	2.0000e-005	0.9602

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3505	0.0000	0.3505	0.1576	0.0000	0.1576	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0520	0.5016	0.2875	5.7000e-004		0.0286	0.0286		0.0263	0.0263	0.0000	50.1666	50.1666	0.0162	0.0000	50.5723
Total	0.0520	0.5016	0.2875	5.7000e-004	0.3505	0.0286	0.3791	0.1576	0.0263	0.1839	0.0000	50.1666	50.1666	0.0162	0.0000	50.5723

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044
Total	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1367	0.0000	0.1367	0.0614	0.0000	0.0614	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0140	0.2860	0.3444	5.7000e-004		0.0142	0.0142		0.0142	0.0142	0.0000	50.1666	50.1666	0.0162	0.0000	50.5722
Total	0.0140	0.2860	0.3444	5.7000e-004	0.1367	0.0142	0.1509	0.0614	0.0142	0.0756	0.0000	50.1666	50.1666	0.0162	0.0000	50.5722

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044
Total	8.8000e-004	6.5000e-004	8.4800e-003	2.0000e-005	2.9700e-003	1.0000e-005	2.9800e-003	7.9000e-004	1.0000e-005	8.0000e-004	0.0000	2.2851	2.2851	6.0000e-005	6.0000e-005	2.3044

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2410	2.2230	2.4927	4.1500e-003		0.1077	0.1077		0.1012	0.1012	0.0000	357.6976	357.6976	0.0871	0.0000	359.8760
Total	0.2410	2.2230	2.4927	4.1500e-003		0.1077	0.1077		0.1012	0.1012	0.0000	357.6976	357.6976	0.0871	0.0000	359.8760

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.2713	0.5065	6.4900e-003	0.2343	0.0106	0.2448	0.0676	0.0101	0.0777	0.0000	623.8729	623.8729	6.3100e-003	0.0923	651.5209
Worker	0.3083	0.2284	2.9814	8.6600e-003	1.0438	4.9800e-003	1.0488	0.2772	4.5800e-003	0.2818	0.0000	803.7442	803.7442	0.0198	0.0211	810.5206
Total	0.3485	1.4997	3.4878	0.0152	1.2781	0.0156	1.2936	0.3448	0.0147	0.3595	0.0000	1,427.6171	1,427.6171	0.0261	0.1133	1,462.0415

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1037	2.1916	2.7556	4.1500e-003		0.1386	0.1386		0.1386	0.1386	0.0000	357.6972	357.6972	0.0871	0.0000	359.8755
Total	0.1037	2.1916	2.7556	4.1500e-003		0.1386	0.1386		0.1386	0.1386	0.0000	357.6972	357.6972	0.0871	0.0000	359.8755

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0402	1.2713	0.5065	6.4900e-003	0.2343	0.0106	0.2448	0.0676	0.0101	0.0777	0.0000	623.8729	623.8729	6.3100e-003	0.0923	651.5209
Worker	0.3083	0.2284	2.9814	8.6600e-003	1.0438	4.9800e-003	1.0488	0.2772	4.5800e-003	0.2818	0.0000	803.7442	803.7442	0.0198	0.0211	810.5206
Total	0.3485	1.4997	3.4878	0.0152	1.2781	0.0156	1.2936	0.3448	0.0147	0.3595	0.0000	1,427.6171	1,427.6171	0.0261	0.1133	1,462.0415

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1818	1.6733	1.9983	3.3500e-003		0.0762	0.0762		0.0715	0.0715	0.0000	288.2041	288.2041	0.0698	0.0000	289.9498
Total	0.1818	1.6733	1.9983	3.3500e-003		0.0762	0.0762		0.0715	0.0715	0.0000	288.2041	288.2041	0.0698	0.0000	289.9498

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0319	1.0242	0.4034	5.1400e-003	0.1887	8.4500e-003	0.1972	0.0544	8.0900e-003	0.0625	0.0000	494.8223	494.8223	5.2600e-003	0.0731	516.7239
Worker	0.2319	0.1638	2.2499	6.7500e-003	0.8409	3.8300e-003	0.8447	0.2233	3.5300e-003	0.2268	0.0000	631.9476	631.9476	0.0145	0.0158	637.0085
Total	0.2637	1.1880	2.6533	0.0119	1.0296	0.0123	1.0419	0.2777	0.0116	0.2893	0.0000	1,126.7699	1,126.7699	0.0197	0.0888	1,153.7324

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0835	1.7654	2.2198	3.3500e-003		0.1116	0.1116		0.1116	0.1116	0.0000	288.2038	288.2038	0.0698	0.0000	289.9494
Total	0.0835	1.7654	2.2198	3.3500e-003		0.1116	0.1116		0.1116	0.1116	0.0000	288.2038	288.2038	0.0698	0.0000	289.9494

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0319	1.0242	0.4034	5.1400e-003	0.1887	8.4500e-003	0.1972	0.0544	8.0900e-003	0.0625	0.0000	494.8223	494.8223	5.2600e-003	0.0731	516.7239
Worker	0.2319	0.1638	2.2499	6.7500e-003	0.8409	3.8300e-003	0.8447	0.2233	3.5300e-003	0.2268	0.0000	631.9476	631.9476	0.0145	0.0158	637.0085
Total	0.2637	1.1880	2.6533	0.0119	1.0296	0.0123	1.0419	0.2777	0.0116	0.2893	0.0000	1,126.7699	1,126.7699	0.0197	0.0888	1,153.7324

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1825	0.1085	3.4000e-004		6.5300e-003	6.5300e-003		6.0100e-003	6.0100e-003	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813
Total	0.0171	0.1825	0.1085	3.4000e-004	0.0530	6.5300e-003	0.0596	5.7300e-003	6.0100e-003	0.0117	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535
Total	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	2.2300e-003	0.0000	2.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2000e-003	0.1313	0.1830	3.4000e-004		3.7100e-003	3.7100e-003		3.7100e-003	3.7100e-003	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813
Total	7.2000e-003	0.1313	0.1830	3.4000e-004	0.0207	3.7100e-003	0.0244	2.2300e-003	3.7100e-003	5.9400e-003	0.0000	30.1376	30.1376	9.7500e-003	0.0000	30.3813

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535
Total	3.2000e-004	2.4000e-004	3.1400e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8463	0.8463	2.0000e-005	2.0000e-005	0.8535

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1061	0.0000	0.1061	0.0115	0.0000	0.0115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0389	0.3934	0.2704	8.3000e-004		0.0146	0.0146		0.0134	0.0134	0.0000	72.5928	72.5928	0.0235	0.0000	73.1797
Total	0.0389	0.3934	0.2704	8.3000e-004	0.1061	0.0146	0.1207	0.0115	0.0134	0.0249	0.0000	72.5928	72.5928	0.0235	0.0000	73.1797

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649
Total	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0414	0.0000	0.0414	4.4700e-003	0.0000	4.4700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0179	0.3340	0.4528	8.3000e-004		0.0111	0.0111		0.0111	0.0111	0.0000	72.5927	72.5927	0.0235	0.0000	73.1797
Total	0.0179	0.3340	0.4528	8.3000e-004	0.0414	0.0111	0.0524	4.4700e-003	0.0111	0.0155	0.0000	72.5927	72.5927	0.0235	0.0000	73.1797

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649
Total	7.9000e-004	5.6000e-004	7.6500e-003	2.0000e-005	2.8600e-003	1.0000e-005	2.8700e-003	7.6000e-004	1.0000e-005	7.7000e-004	0.0000	2.1477	2.1477	5.0000e-005	5.0000e-005	2.1649

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.2619	0.4022	6.3000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	55.0730	55.0730	0.0178	0.0000	55.5183
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0723	0.2619	0.4022	6.3000e-004		0.0129	0.0129		0.0119	0.0119	0.0000	55.0730	55.0730	0.0178	0.0000	55.5183

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348
Total	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0154	0.3106	0.4756	6.3000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	55.0729	55.0729	0.0178	0.0000	55.5182
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0605	0.3106	0.4756	6.3000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	55.0729	55.0729	0.0178	0.0000	55.5182

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348
Total	1.2500e-003	8.8000e-004	0.0121	4.0000e-005	4.5300e-003	2.0000e-005	4.5500e-003	1.2000e-003	2.0000e-005	1.2200e-003	0.0000	3.4075	3.4075	8.0000e-005	9.0000e-005	3.4348

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0642	0.6191	0.9507	1.4800e-003		0.0305	0.0305		0.0280	0.0280	0.0000	130.1725	130.1725	0.0421	0.0000	131.2250
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1093	0.6191	0.9507	1.4800e-003		0.0305	0.0305		0.0280	0.0280	0.0000	130.1725	130.1725	0.0421	0.0000	131.2250

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185
Total	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0365	0.7342	1.1242	1.4800e-003		0.0396	0.0396		0.0396	0.0396	0.0000	130.1723	130.1723	0.0421	0.0000	131.2248
Paving	0.0451					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0816	0.7342	1.1242	1.4800e-003		0.0396	0.0396		0.0396	0.0396	0.0000	130.1723	130.1723	0.0421	0.0000	131.2248

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185
Total	2.9600e-003	2.0900e-003	0.0287	9.0000e-005	0.0107	5.0000e-005	0.0108	2.8500e-003	4.0000e-005	2.8900e-003	0.0000	8.0540	8.0540	1.8000e-004	2.0000e-004	8.1185

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0157	0.1056	0.1569	2.6000e-004		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1594
Total	0.9844	0.1056	0.1569	2.6000e-004		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1594

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430
Total	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9687					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1500e-003	0.1176	0.1588	2.6000e-004		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1593
Total	0.9739	0.1176	0.1588	2.6000e-004		8.2400e-003	8.2400e-003		8.2400e-003	8.2400e-003	0.0000	22.1282	22.1282	1.2500e-003	0.0000	22.1593

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430
Total	0.0260	0.0184	0.2523	7.6000e-004	0.0943	4.3000e-004	0.0947	0.0250	4.0000e-004	0.0254	0.0000	70.8754	70.8754	1.6200e-003	1.7700e-003	71.4430

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Meniffee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Unmitigated	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Total	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443
Total	1.9700e-003	1.9000e-004	0.0213	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0416	0.0416	1.1000e-004	0.0000	0.0443

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Mitigated
Riverside-South Coast County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Project will utilize super-compliant architectural coatings.

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	12.2787	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	31.1887	68.0261	100.5768	0.3144	23.4896	2.2554	25.7451	5.4708	2.1057	7.5765	0.0000	31,952.06 66	31,952.06 66	2.9989	1.6764	32,526.61 92
Maximum	31.1887	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.8366	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	30.8652	66.6444	113.5150	0.3144	20.2551	2.6900	22.9451	5.1216	2.6784	7.8000	0.0000	31,952.06 65	31,952.06 65	2.9989	1.6764	32,526.61 92
Maximum	30.8652	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	10.96	24.67	-9.69	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.27 10	22,404.27 10	0.3178	3.5303	23,464.25 50
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.31 80	22,736.31 80	0.3254	3.5381	23,798.79 86

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.2710	22,404.2710	0.3178	3.5303	23,464.2550
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.3180	22,736.3180	0.3254	3.5381	23,798.7986

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.992 4	4,000.992 4	1.2940		4,033.342 5
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.992 4	4,000.992 4	1.2940		4,033.342 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	30.2895	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	29.9660	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Construction Mitigated

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Construction schedule based on Project-specific data.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment -
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment -

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Project will utilize super-compliant architectural coatings.

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.9295	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	31.1349	69.1450	92.2257	0.3027	23.4896	2.2559	25.7455	5.4708	2.1061	7.5770	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	31.1349	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.4873	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	30.8114	67.7633	105.1639	0.3027	20.2551	2.6905	22.9456	5.1216	2.6789	7.8005	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	30.8114	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	11.07	24.27	-10.56	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.30 91	22,439.30 91	0.3145	3.5359	23,500.86 32
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.17 35	22,740.17 35	0.3221	3.5438	23,804.27 77

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.3091	22,439.3091	0.3145	3.5359	23,500.8632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.1735	22,740.1735	0.3221	3.5438	23,804.2777

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.9924	4,000.9924	1.2940		4,033.3425
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.9924	4,000.9924	1.2940		4,033.3425

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	30.2895	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	29.9660	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

This page intentionally left blank

APPENDIX 3.2:

CALEEMOD SCENARIO 1 OPERATIONAL EMISSIONS MODEL OUTPUTS

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

		Highest	
--	--	---------	--

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Energy	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	850.7402	850.7402	0.0603	0.0101	855.2669
Mobile	4.9247	16.8333	55.4262	0.1870	16.2713	0.2135	16.4847	4.3638	0.2022	4.5660	0.0000	17,708.7725	17,708.7725	0.6305	1.4022	18,142.3801
Waste						0.0000	0.0000		0.0000	0.0000	312.9552	0.0000	312.9552	18.4951	0.0000	775.3333
Water						0.0000	0.0000		0.0000	0.0000	3.5586	32.3120	35.8705	0.3682	8.9600e-003	47.7465
Total	11.7510	16.9952	55.6042	0.1880	16.2713	0.2259	16.4972	4.3638	0.2146	4.5784	316.5138	18,591.9069	18,908.4207	19.5544	1.4213	19,820.8145

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Energy	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	850.7402	850.7402	0.0603	0.0101	855.2669
Mobile	4.9247	16.8333	55.4262	0.1870	16.2713	0.2135	16.4847	4.3638	0.2022	4.5660	0.0000	17,708.7725	17,708.7725	0.6305	1.4022	18,142.3801
Waste						0.0000	0.0000		0.0000	0.0000	312.9552	0.0000	312.9552	18.4951	0.0000	775.3333
Water						0.0000	0.0000		0.0000	0.0000	3.5586	32.3120	35.8705	0.3682	8.9600e-003	47.7465
Total	11.7510	16.9952	55.6042	0.1880	16.2713	0.2259	16.4972	4.3638	0.2146	4.5784	316.5138	18,591.9069	18,908.4207	19.5544	1.4213	19,820.8145

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.9247	16.8333	55.4262	0.1870	16.2713	0.2135	16.4847	4.3638	0.2022	4.5660	0.0000	17,708.77 25	17,708.77 25	0.6305	1.4022	18,142.38 01
Unmitigated	4.9247	16.8333	55.4262	0.1870	16.2713	0.2135	16.4847	4.3638	0.2022	4.5660	0.0000	17,708.77 25	17,708.77 25	0.6305	1.4022	18,142.38 01

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	35,497,121	35,497,121
User Defined Industrial	475.64	475.64	475.64	6,925,285	6,925,285
Total	8,758.29	8,758.29	8,758.29	42,422,406	42,422,406

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	674.8178	674.8178	0.0570	6.9000e-003	678.2991
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	674.8178	674.8178	0.0570	6.9000e-003	678.2991
NaturalGas Mitigated	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678
NaturalGas Unmitigated	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.29666e+006	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.29666e+006	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.8051e+006	674.8178	0.0570	6.9000e-003	678.2991
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		674.8178	0.0570	6.9000e-003	678.2991

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.8051e+006	674.8178	0.0570	6.9000e-003	678.2991
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		674.8178	0.0570	6.9000e-003	678.2991

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Unmitigated	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.0236					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9000e-003	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Total	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.0236					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9000e-003	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Total	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	35.8705	0.3682	8.9600e-003	47.7465
Unmitigated	35.8705	0.3682	8.9600e-003	47.7465

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	11.2168 / 3.25325	35.8705	0.3682	8.9600e-003	47.7465
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		35.8705	0.3682	8.9600e-003	47.7465

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	11.2168 / 3.25325	35.8705	0.3682	8.9600e-003	47.7465
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		35.8705	0.3682	8.9600e-003	47.7465

8.0 Waste Detail

8.1 Mitigation Measures Waste

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	312.9552	18.4951	0.0000	775.3333
Unmitigated	312.9552	18.4951	0.0000	775.3333

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1541.72	312.9552	18.4951	0.0000	775.3333
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		312.9552	18.4951	0.0000	775.3333

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1541.72	312.9552	18.4951	0.0000	775.3333
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		312.9552	18.4951	0.0000	775.3333

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068
Total	68.2049	87.9282	336.7003	1.0782	90.8800	1.2427	92.1227	24.3397	1.1805	25.5201		113,007.4902	113,007.4902	3.7948	8.4235	115,612.5762

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068
Total	68.2049	87.9282	336.7003	1.0782	90.8800	1.2427	92.1227	24.3397	1.1805	25.5201		113,007.4902	113,007.4902	3.7948	8.4235	115,612.5762

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068
Unmitigated	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	35,497,121	35,497,121
User Defined Industrial	475.64	475.64	475.64	6,925,285	6,925,285
Total	8,758.29	8,758.29	8,758.29	42,422,406	42,422,406

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9 213	106,085.9 213	3.8206	8.4783	108,707.9 663
Total	64.1607	92.9620	295.2907	1.0215	90.8800	1.2432	92.1232	24.3397	1.1810	25.5206		107,149.2 290	107,149.2 290	3.8428	8.4978	109,777.6 356

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9 213	106,085.9 213	3.8206	8.4783	108,707.9 663
Total	64.1607	92.9620	295.2907	1.0215	90.8800	1.2432	92.1232	24.3397	1.1810	25.5206		107,149.2 290	107,149.2 290	3.8428	8.4978	109,777.6 356

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9213	106,085.9213	3.8206	8.4783	108,707.9663
Unmitigated	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9213	106,085.9213	3.8206	8.4783	108,707.9663

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	35,497,121	35,497,121
User Defined Industrial	475.64	475.64	475.64	6,925,285	6,925,285
Total	8,758.29	8,758.29	8,758.29	42,422,406	42,422,406

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas s Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003			0.7254	0.7254	1.8900e-003	0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003			0.7254	0.7254	1.8900e-003	0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1 LST

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study. Trip Length reduced to account for onsite traffic only.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CC_TL	8.40	0.50
tblVehicleTrips	CNW_TL	6.90	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	16.4792	11.1867	55.3154	0.0493	3.1583	0.0565	3.2147	0.8397	0.0524	0.8922		5,123.062 4	5,123.062 4	1.0105	0.7326	5,366.631 6
Total	53.8933	12.0752	56.3971	0.0546	3.1583	0.1250	3.2832	0.8397	0.1209	0.9607		6,186.370 1	6,186.370 1	1.0328	0.7521	6,436.300 9

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	16.4792	11.1867	55.3154	0.0493	3.1583	0.0565	3.2147	0.8397	0.0524	0.8922		5,123.062 4	5,123.062 4	1.0105	0.7326	5,366.631 6
Total	53.8933	12.0752	56.3971	0.0546	3.1583	0.1250	3.2832	0.8397	0.1209	0.9607		6,186.370 1	6,186.370 1	1.0328	0.7521	6,436.300 9

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.4792	11.1867	55.3154	0.0493	3.1583	0.0565	3.2147	0.8397	0.0524	0.8922		5,123.0624	5,123.0624	1.0105	0.7326	5,366.6316
Unmitigated	16.4792	11.1867	55.3154	0.0493	3.1583	0.0565	3.2147	0.8397	0.0524	0.8922		5,123.0624	5,123.0624	1.0105	0.7326	5,366.6316

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	1,414,736	1,414,736
User Defined Industrial	475.64	475.64	475.64	86,566	86,566
Total	8,758.29	8,758.29	8,758.29	1,501,302	1,501,302

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	0.50	0.50	0.50	59.00	0.00	41.00	92	5	3
User Defined Industrial	0.50	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1 LST

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study. Trip Length reduced to account for onsite traffic only.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CC_TL	8.40	0.50
tblVehicleTrips	CNW_TL	6.90	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	12.7021	11.9365	59.2781	0.0474	3.1583	0.0570	3.2153	0.8397	0.0529	0.8927		4,926.5300	4,926.5300	1.1447	0.7527	5,179.4575
Total	50.1163	12.8251	60.3598	0.0527	3.1583	0.1255	3.2838	0.8397	0.1214	0.9612		5,989.8376	5,989.8376	1.1670	0.7722	6,249.1269

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	12.7021	11.9365	59.2781	0.0474	3.1583	0.0570	3.2153	0.8397	0.0529	0.8927		4,926.5300	4,926.5300	1.1447	0.7527	5,179.4575
Total	50.1163	12.8251	60.3598	0.0527	3.1583	0.1255	3.2838	0.8397	0.1214	0.9612		5,989.8376	5,989.8376	1.1670	0.7722	6,249.1269

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.7021	11.9365	59.2781	0.0474	3.1583	0.0570	3.2153	0.8397	0.0529	0.8927		4,926.5300	4,926.5300	1.1447	0.7527	5,179.4575
Unmitigated	12.7021	11.9365	59.2781	0.0474	3.1583	0.0570	3.2153	0.8397	0.0529	0.8927		4,926.5300	4,926.5300	1.1447	0.7527	5,179.4575

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	1,414,736	1,414,736
User Defined Industrial	475.64	475.64	475.64	86,566	86,566
Total	8,758.29	8,758.29	8,758.29	1,501,302	1,501,302

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	0.50	0.50	0.50	59.00	0.00	41.00	92	5	3
User Defined Industrial	0.50	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

This page intentionally left blank

APPENDIX 3.3:

CALEEMOD SCENARIO 2 OPERATIONAL EMISSIONS MODEL OUTPUTS

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2

Riverside-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

		Highest		
--	--	---------	--	--

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Energy	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	850.7402	850.7402	0.0603	0.0101	855.2669
Mobile	1.3528	15.0310	15.3787	0.1088	6.3172	0.1794	6.4966	1.7284	0.1711	1.8996	0.0000	10,411.7111	10,411.7111	0.2210	1.2381	10,786.1962
Waste						0.0000	0.0000		0.0000	0.0000	312.9552	0.0000	312.9552	18.4951	0.0000	775.3333
Water						0.0000	0.0000		0.0000	0.0000	3.5586	32.3120	35.8705	0.3682	8.9600e-003	47.7465
Total	8.1791	15.1929	15.5566	0.1098	6.3172	0.1918	6.5090	1.7284	0.1836	1.9120	316.5138	11,294.8455	11,611.3593	19.1449	1.2572	12,464.6306

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Energy	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	850.7402	850.7402	0.0603	0.0101	855.2669
Mobile	1.3528	15.0310	15.3787	0.1088	6.3172	0.1794	6.4966	1.7284	0.1711	1.8996	0.0000	10,411.7111	10,411.7111	0.2210	1.2381	10,786.1962
Waste						0.0000	0.0000		0.0000	0.0000	312.9552	0.0000	312.9552	18.4951	0.0000	775.3333
Water						0.0000	0.0000		0.0000	0.0000	3.5586	32.3120	35.8705	0.3682	8.9600e-003	47.7465
Total	8.1791	15.1929	15.5566	0.1098	6.3172	0.1918	6.5090	1.7284	0.1836	1.9120	316.5138	11,294.8455	11,611.3593	19.1449	1.2572	12,464.6306

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3528	15.0310	15.3787	0.1088	6.3172	0.1794	6.4966	1.7284	0.1711	1.8996	0.0000	10,411.7111	10,411.7111	0.2210	1.2381	10,786.1962
Unmitigated	1.3528	15.0310	15.3787	0.1088	6.3172	0.1794	6.4966	1.7284	0.1711	1.8996	0.0000	10,411.7111	10,411.7111	0.2210	1.2381	10,786.1962

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	8,224,085	8,224,085
User Defined Industrial	508.44	508.44	508.44	7,402,891	7,402,891
Total	2,427.39	2,427.39	2,427.39	15,626,976	15,626,976

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	674.8178	674.8178	0.0570	6.9000e-003	678.2991
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	674.8178	674.8178	0.0570	6.9000e-003	678.2991
NaturalGas Mitigated	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678
NaturalGas Unmitigated	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.29666e+006	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.29666e+006	0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0178	0.1616	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.9224	175.9224	3.3700e-003	3.2300e-003	176.9678

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.8051e+006	674.8178	0.0570	6.9000e-003	678.2991
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		674.8178	0.0570	6.9000e-003	678.2991

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.8051e+006	674.8178	0.0570	6.9000e-003	678.2991
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		674.8178	0.0570	6.9000e-003	678.2991

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Unmitigated	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.0236					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9000e-003	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Total	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.0236					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.9000e-003	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876
Total	6.8085	3.8000e-004	0.0422	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0823	0.0823	2.1000e-004	0.0000	0.0876

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	35.8705	0.3682	8.9600e-003	47.7465
Unmitigated	35.8705	0.3682	8.9600e-003	47.7465

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	11.2168 / 3.25325	35.8705	0.3682	8.9600e-003	47.7465
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		35.8705	0.3682	8.9600e-003	47.7465

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	11.2168 / 3.25325	35.8705	0.3682	8.9600e-003	47.7465
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		35.8705	0.3682	8.9600e-003	47.7465

8.0 Waste Detail

8.1 Mitigation Measures Waste

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	312.9552	18.4951	0.0000	775.3333
Unmitigated	312.9552	18.4951	0.0000	775.3333

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1541.72	312.9552	18.4951	0.0000	775.3333
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		312.9552	18.4951	0.0000	775.3333

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1541.72	312.9552	18.4951	0.0000	775.3333
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		312.9552	18.4951	0.0000	775.3333

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526
Total	45.7338	78.9470	92.7692	0.6142	35.2540	1.0552	36.3092	9.6304	1.0097	10.6401		65,245.7455	65,245.7455	1.3520	7.4989	67,514.2220

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526
Total	45.7338	78.9470	92.7692	0.6142	35.2540	1.0552	36.3092	9.6304	1.0097	10.6401		65,245.7455	65,245.7455	1.3520	7.4989	67,514.2220

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526
Unmitigated	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	8,224,085	8,224,085
User Defined Industrial	508.44	508.44	508.44	7,402,891	7,402,891
Total	2,427.39	2,427.39	2,427.39	15,626,976	15,626,976

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.6543	62,847.6543	1.3384	7.5041	65,117.3237
Total	44.7511	83.3028	83.2861	0.6013	35.2540	1.0557	36.3098	9.6304	1.0102	10.6406		63,910.9619	63,910.9619	1.3606	7.5235	66,186.9931

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.6543	62,847.6543	1.3384	7.5041	65,117.3237
Total	44.7511	83.3028	83.2861	0.6013	35.2540	1.0557	36.3098	9.6304	1.0102	10.6406		63,910.9619	63,910.9619	1.3606	7.5235	66,186.9931

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.65 43	62,847.65 43	1.3384	7.5041	65,117.32 37
Unmitigated	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.65 43	62,847.65 43	1.3384	7.5041	65,117.32 37

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	8,224,085	8,224,085
User Defined Industrial	508.44	508.44	508.44	7,402,891	7,402,891
Total	2,427.39	2,427.39	2,427.39	15,626,976	15,626,976

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2 LST

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study. Trip lengths reduced to account for onsite traffic only.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CC_TL	8.40	0.50
tblVehicleTrips	CNW_TL	6.90	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	4.2258	8.5462	17.8263	0.0229	0.9092	0.0236	0.9328	0.2444	0.0222	0.2666		2,405.0478	2,405.0478	0.2601	0.3589	2,518.4909
Total	41.6400	9.4348	18.9080	0.0282	0.9092	0.0921	1.0013	0.2444	0.0907	0.3351		3,468.3555	3,468.3555	0.2824	0.3783	3,588.1602

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	4.2258	8.5462	17.8263	0.0229	0.9092	0.0236	0.9328	0.2444	0.0222	0.2666		2,405.0478	2,405.0478	0.2601	0.3589	2,518.4909
Total	41.6400	9.4348	18.9080	0.0282	0.9092	0.0921	1.0013	0.2444	0.0907	0.3351		3,468.3555	3,468.3555	0.2824	0.3783	3,588.1602

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.2258	8.5462	17.8263	0.0229	0.9092	0.0236	0.9328	0.2444	0.0222	0.2666		2,405.0478	2,405.0478	0.2601	0.3589	2,518.4909
Unmitigated	4.2258	8.5462	17.8263	0.0229	0.9092	0.0236	0.9328	0.2444	0.0222	0.2666		2,405.0478	2,405.0478	0.2601	0.3589	2,518.4909

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	327,770	327,770
User Defined Industrial	508.44	508.44	508.44	92,536	92,536
Total	2,427.39	2,427.39	2,427.39	420,307	420,307

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	0.50	0.50	0.50	59.00	0.00	41.00	92	5	3
User Defined Industrial	0.50	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2 LST

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study. Trip lengths reduced to account for onsite traffic only.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CC_TL	8.40	0.50
tblVehicleTrips	CNW_TL	6.90	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TL	16.60	0.50
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	3.3078	9.1902	18.9256	0.0227	0.9092	0.0241	0.9333	0.2444	0.0227	0.2671		2,382.115 2	2,382.115 2	0.2893	0.3672	2,498.776 7
Total	40.7220	10.0787	20.0073	0.0280	0.9092	0.0926	1.0018	0.2444	0.0912	0.3356		3,445.422 9	3,445.422 9	0.3116	0.3867	3,568.446 1

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	3.3078	9.1902	18.9256	0.0227	0.9092	0.0241	0.9333	0.2444	0.0227	0.2671		2,382.115 2	2,382.115 2	0.2893	0.3672	2,498.776 7
Total	40.7220	10.0787	20.0073	0.0280	0.9092	0.0926	1.0018	0.2444	0.0912	0.3356		3,445.422 9	3,445.422 9	0.3116	0.3867	3,568.446 1

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.3078	9.1902	18.9256	0.0227	0.9092	0.0241	0.9333	0.2444	0.0227	0.2671		2,382.1152	2,382.1152	0.2893	0.3672	2,498.7767
Unmitigated	3.3078	9.1902	18.9256	0.0227	0.9092	0.0241	0.9333	0.2444	0.0227	0.2671		2,382.1152	2,382.1152	0.2893	0.3672	2,498.7767

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	327,770	327,770
User Defined Industrial	508.44	508.44	508.44	92,536	92,536
Total	2,427.39	2,427.39	2,427.39	420,307	420,307

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No Rail	0.50	0.50	0.50	59.00	0.00	41.00	92	5	3
User Defined Industrial	0.50	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 LST - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

This page intentionally left blank

APPENDIX 3.4:
SCAQMD AMICUS BRIEF

S219783

IN THE SUPREME COURT OF CALIFORNIA

SIERRA CLUB, REVIVE THE SAN JOAQUIN, and
LEAGUE OF WOMEN VOTERS OF FRESNO,

Plaintiffs and Appellants,

v.

COUNTY OF FRESNO,

Defendant and Respondent,

and,

FRIANT RANCH, L.P.,

Real Party in Interest and Respondent.

SUPREME COURT
FILED

APR 13 2015

Frank A. McGuire Clerk
Deputy

After a Published Decision by the Court of Appeal, filed May 27, 2014
Fifth Appellate District Case No. F066798

Appeal from the Superior Court of California, County of Fresno
Case No. 11CECG00726
Honorable Rosendo A. Pena, Jr.

**APPLICATION OF THE SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT FOR LEAVE TO FILE
BRIEF OF *AMICUS CURIAE* IN SUPPORT OF NEITHER PARTY
AND [*PROPOSED*] BRIEF OF *AMICUS CURIAE***

Kurt R. Wiese, General Counsel (SBN 127251)
*Barbara Baird, Chief Deputy Counsel (SBN 81507)
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765
Telephone: 909-396-2302; Facsimile: 909-396-2961
Email: bbaird@aqmd.gov
Counsel for [Proposed] Amicus Curiae,
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

RECEIVED

APR - 8 2015

CLERK SUPREME COURT

TABLE OF CONTENTS

APPLICATION FOR LEAVE TO FILE *amicus curiae* brief..... App-1

HOW THIS BRIEF WILL ASSIST THE COURT App-1

STATEMENT OF INTEREST OF *AMICUS CURIAE*..... App-3

CERTIFICATION REGARDING AUTHORSHIP & FUNDING App-4

BRIEF OF AMICUS CURIAE..... 1

SUMMARY OF ARGUMENT 1

ARGUMENT 2

I. RELEVANT FACTUAL AND LEGAL FRAMEWORK. 2

 A. Air Quality Regulatory Background2

 B. The SCAQMD's Role Under CEQA..... 6

II. THIS COURT SHOULD NOT SET A HARD-AND-FAST
RULE CONCERNING THE EXTENT TO WHICH AN EIR
MUST CORRELATE A PROJECT'S EMISSION OF
POLLUTANTS WITH RESULTING HEALTH IMPACTS..... 8

III. THE QUESTION OF WHETHER AN EIR CONTAINS
SUFFICIENT ANALYSIS TO MEET CEQA'S
REQUIREMENTS IS A MIXED QUESTION OF FACT
AND LAW GOVERNED BY TWO DIFFERENT
STANDARDS OF REVIEW..... 16

 A. Standard of Review for Feasibility Determination and
Sufficiency as an Informative Document 16

 B. Friant Ranch's Rationale for Rejecting the Independent
Judgment Standard of Review is Unsupported by Case
Law..... 23

IV. COURTS MUST SCRUPULOUSLY ENFORCE THE
REQUIREMENTS THAT LEAD AGENCIES CONSULT
WITH AND OBTAIN COMMENTS FROM AIR
DISTRICTS..... 26

CONCLUSION 29

TABLE OF AUTHORITIES

State Cases

<i>Association of Irrigated Residents v. County of Madera</i> (2003) 107 Cal App.4th 1383	1, 9
<i>Bakersfield Citizens for Local Control v. City of Bakersfield</i> (2004) 124 Cal.App.4th 1184	9, 22
<i>Berkeley Keep Jets Over the Bay v. Board of Port Commissioners</i> (2007) 91 Cal.App.4th 1344.....	21, 28
<i>Center for Biological Diversity v. County of San Bernardino</i> (2010) 185 Cal.App.4th 866.	20
<i>Citizens of Goleta Valley v. Bd. of Supervisors</i> (1990) 52 Cal.3d 553	8-9
<i>County of Amador v. El Dorado County Water Agency</i> (1999) 76 Cal.App.4th 931	23
<i>Crocker National Bank v. City and County of San Francisco</i> (1989) 49 Cal.3d 881	18
<i>Ebbetts Pass Forest Watch v. California Dept. of Forestry & Fire Protection</i> (2008) 43 Cal.4th 936.....	21
<i>Fall River Wild Trout Foundation v. County of Shasta</i> , (1999) 70 Cal.App.4th 482	27, 28
<i>Gray v. County of Madera</i> (2008) 167 Cal.App.4th 1099	25
<i>Laurel Heights Improvement Assn. v. Regents of the Univ of Cal. ("Laurel Heights I")</i> (1988) 47 Cal.3d 376.....	1, 8, 19, 20, 21, 22
<i>Natural Res. Def. Council v SCAQMD</i> , Los Angeles Superior Court No. BS110792.....	12
<i>Neighbors for Smart Rail v. Exposition Metro Line</i> (2013) 57 Cal.4th 439	15, 20

State Cases (cont'd)

Orange County Air Pollution Control District v. Public Util. Com.
(1971) 4 Cal.3d 945.....27

Save Our Peninsula Comm. v. Monterey County Bd. of Supervisors
(2001) 87 Cal.App.4th 99..... 19

Schenck v. County of Sonoma (2011)
198 Cal.App.4th 94926, 27

Sierra Club v. County of Fresno (2014)
226 Cal.App.4th 704 (superseded by grant of review)
172 Cal.Rptr.3d 2719, 23

Sierra Club v. State Bd. Of Forestry (1994)
7 Cal.4th 121528

Uphold Our Heritage v. Town of Woodside (2007)
147 Cal.App.4th 58720

Vineyard Area Citizens for Responsible Growth, Inc.
v. City of Rancho Cordova (2007)
40 Cal.4th 4121, 17, 19, 24, 25, 26

Western Oil & Gas Assn. v. Monterey Bay Unified APCD (1989)
49 Cal.3d 408 5

California Statutes

Health & Saf. Code § 39666 5

Health & Saf. Code § 40000 3

Health & Saf. Code § 40001 3

Health & Saf. Code § 40410 3

Health & Saf. Code §§ 40460, et seq 4

Health & Saf. Code § 41508 5

Health & Saf. Code §§ 42300, et seq 5

Health & Saf. Code § 44320 5

Health & Saf. Code § 44322 5

Health & Saf. Code § 44360 5

Pub. Resources Code § 20180.3..... 27

Pub. Resources Code § 21061..... 19

Pub. Resources Code § 21061.1..... 16

California Statutes (cont'd)

Pub. Resources Code § 21080..... 6
Pub. Resources Code § 21080.5..... 6
Pub. Resources Code § 21083.1..... 26
Pub. Resources Code § 21100..... 27
Pub. Resources Code § 21104..... 6, 7 26
Pub. Resources Code §§ 21150-21154 7
Pub. Resources Code § 21151.8..... 25
Pub. Resources Code § 21153 6, 7, 26

California Regulations

Cal. Code Regs., tit. 14, §§ 15000, et seq. ("CEQA Guidelines")

CEQA Guidelines § 15050.....6
CEQA Guidelines § 15051..... 1, 6
CEQA Guidelines § 15073..... 6
CEQA Guidelines § 15086..... 6
CEQA Guidelines § 15088.5.....28
CEQA Guidelines § 15096.....6
CEQA Guidelines § 15126.2.....25
CEQA Guidelines § 15131.....26
CEQA Guidelines § 15144..... 19, 24
CEQA Guidelines § 15151.....9, 18, 19
CEQA Guidelines § 15204..... 1, 9, 21
CEQA Guidelines § 15251..... 6
CEQA Guidelines § 15366.....7
CEQA Guidelines § 15381.....6

Cal. Code Regs., tit. 17, § 601043

Federal Statutes

42 U.S.C. § 7401; CAA § 101 4
42 U.S.C. § 7408; CAA § 108 3
42 U.S.C. § 7409; CAA § 109 4
42 U.S.C. § 7410; CAA § 110 4, 5
42 U.S.C. § 7412; CAA § 112 5
42 U.S.C. § 7502; CAA § 172 5, 13
42 U.S.C. § 7503; CAA § 173 5, 13
42 U.S.C. § 7511a; CAA § 182..... 13
42 U.S.C. § 7521; CAA § 202 4
42 U.S.C. § 7543; CAA § 209 4
42 U.S.C. § 7547; CAA § 213 4

Rules

SCAQMD Rule 1303 7
SCAQMD Rule 1401 5, 8, 9

Other

Association of Environmental Professionals, 2015 CEQA Statute and Guidelines (2015) (Appendix G, “Environmental Checklist Form.”)24

CARB, *Health Impacts Analysis: PM Premature Death Relationship* 14

CARB, *Health Impacts Analysis: PM Mortality Relationship* 16

CARB, Resolution 98-35, Aug. 27, 1998 8

SCAQMD, *Air Quality Analysis Handbook* 13

SCAQMD, *Final 2012 AQMP (Feb. 2013)* 3, 11

SCAQMD, *Final Subsequent Mitigated Negative Declaration for: Warren E&P, Inc. WTU Central Facility, New Equipment Project (certified July 19, 2011)* 14-15

SCAQMD Governing Board Agenda, February 4, 2011, Agenda Item 26, *Assessment for: Re-adoption of Proposed Rule 1315 – Federal New Source Review Tracking System*, 12

SCAQMD Governing Board Agenda, April 3, 2015, Agenda Item 16, Attachment A 7

SCAQMD, Health Risk Assessment Summary form 10

SCAQMD, *Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics “Hot Spots” Information and Assessment Act (AB2588)* 10

U.S. EPA, Ground Level Ozone 11

U.S. EPA, *Guideline on Ozone Monitoring Site Selection* (Aug. 1998) EPA-454/R-98-002 § 5.1.2 11

U.S. EPA, *Health Effects of Ozone in the General Population*, Figure 9, 11

U.S. EPA, National Ambient Air Quality Standards (NAAQS) 4

U.S. EPA, Particulate Matter (PM) 4

**TO THE HONORABLE CHIEF JUSTICE AND JUSTICES OF THE
SUPREME COURT:**

APPLICATION FOR LEAVE TO FILE *AMICUS CURIAE* BRIEF

Pursuant to Rule 8.520(f) of the California Rules of Court, the South Coast Air Quality Management District (SCAQMD) respectfully requests leave to file the attached *amicus curiae* brief. Because SCAQMD's position differs from that of either party, we request leave to submit this *amicus* brief in support of neither party.

HOW THIS BRIEF WILL ASSIST THE COURT

SCAQMD's proposed *amicus* brief takes a position on two of the issues in this case. In both instances, its position differs from that of either party. The issues are:

- 1) Does the California Environmental Quality Act (CEQA) require an environmental impact report (EIR) to correlate a project's air pollution emissions with specific levels of health impacts?
- 2) What is the proper standard of review for determining whether an EIR provides sufficient information on the health impacts caused by a project's emission of air pollutants?

This brief will assist the Court by discussing the practical realities of correlating identified air quality impacts with specific health outcomes. In short, CEQA requires agencies to provide detailed information about a project's air quality impacts that is sufficient for the public and decisionmakers to adequately evaluate the project and meaningfully understand its impacts. However, the level of analysis is governed by a rule of reason; CEQA only requires agencies to conduct analysis if it is reasonably feasible to do so.

With regard to health-related air quality impacts, an analysis that correlates a project's air pollution emissions with specific levels of health impacts will be feasible in some cases but not others. Whether it is feasible depends on a variety of factors, including the nature of the project and the nature of the analysis under consideration. The feasibility of analysis may also change over time as air districts and others develop new tools for measuring projects' air quality related health impacts. Because SCAQMD has among the most sophisticated air quality modeling and health impact evaluation capability of any of the air districts in the State, it is uniquely situated to express an opinion on the extent to which the Court should hold that CEQA requires lead agencies to correlate air quality impacts with specific health outcomes.

SCAQMD can also offer a unique perspective on the question of the appropriate standard of review. SCAQMD submits that the proper standard of review for determining whether an EIR is sufficient as an informational document is more nuanced than argued by either party. In our view, this is a mixed question of fact and law. It includes determining whether additional analysis is feasible, which is primarily a factual question that should be reviewed under the substantial evidence standard. However, it also involves determining whether the omission of a particular analysis renders an EIR insufficient to serve CEQA's purpose as a meaningful, informational document. If a lead agency has not determined that a requested analysis is infeasible, it is the court's role to determine whether the EIR nevertheless meets CEQA's purposes, and courts should not defer to the lead agency's conclusions regarding the legal sufficiency of an EIR's analysis. The ultimate question of whether an EIR's analysis is "sufficient" to serve CEQA's informational purposes is predominately a question of law that courts should review *de novo*.

This brief will explain the rationale for these arguments and may assist the Court in reaching a conclusion that accords proper respect to a lead agency's factual conclusions while maintaining judicial authority over the ultimate question of what level of analysis CEQA requires.

STATEMENT OF INTEREST OF *AMICUS CURIAE*

The SCAQMD is the regional agency primarily responsible for air pollution control in the South Coast Air Basin, which consists of all of Orange County and the non-desert portions of the Los Angeles, Riverside, and San Bernardino Counties. (Health & Saf. Code § 40410; Cal. Code Regs., tit. 17, § 60104.) The SCAQMD participates in the CEQA process in several ways. Sometimes it acts as a lead agency that prepares CEQA documents for projects. Other times it acts as a responsible agency when it has permit authority over some part of a project that is undergoing CEQA review by a different lead agency. Finally, SCAQMD also acts as a commenting agency for CEQA documents that it receives because it is a public agency with jurisdiction by law over natural resources affected by the project.

In all of these capacities, SCAQMD will be affected by the decision in this case. SCAQMD sometimes submits comments requesting that a lead agency perform an additional type of air quality or health impacts analysis. On the other hand, SCAQMD sometimes determines that a particular type of health impact analysis is not feasible or would not produce reliable and informative results. Thus, SCAQMD will be affected by the Court's resolution of the extent to which CEQA requires EIRs to correlate emissions and health impacts, and its resolution of the proper standard of review.

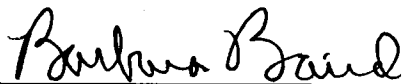
CERTIFICATION REGARDING AUTHORSHIP AND FUNDING

No party or counsel in the pending case authored the proposed amicus curiae brief in whole or in part, or made any monetary contribution intended to fund the preparation or submission of the brief. No person or entity other than the proposed *Amicus Curiae* made any monetary contribution intended to fund the preparation or submission of the brief.

Respectfully submitted,

DATED: April 3, 2015

SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT
KURT R. WIESE, GENERAL COUNSEL
BARBARA BAIRD, CHIEF DEPUTY COUNSEL

By: 
Barbara Baird

Attorneys for [proposed] Amicus Curiae
SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT

BRIEF OF AMICUS CURIAE

SUMMARY OF ARGUMENT

The South Coast Air Quality Management District (SCAQMD) submits that this Court should not try to establish a hard-and-fast rule concerning whether lead agencies are required to correlate emissions of air pollutants with specific health consequences in their environmental impact reports (EIR). The level of detail required in EIRs is governed by a few, core CEQA (California Environmental Quality Act) principles. As this Court has stated, “[a]n EIR must include detail sufficient to enable those who did not participate in its preparation to understand and to consider meaningfully the issues raised by the proposed project.” (*Laurel Heights Improvement Assn. v. Regents of the Univ of Cal.* (1988) 47 Cal.3d 376, 405 [*“Laurel Heights I”*]) Accordingly, “an agency must use its best efforts to find out and disclose all that it reasonably can.” (*Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal.4th 412, 428 (quoting CEQA Guidelines § 15144)¹). However, “[a]nalysis of environmental effects need not be exhaustive, but will be judged in light of what is reasonably feasible.” (*Association of Irrigated Residents v. County of Madera* (2003) 107 Cal.App.4th 1383, 1390; CEQA Guidelines §§ 15151, 15204(a).)

With regard to analysis of air quality related health impacts, EIRs must generally quantify a project’s pollutant emissions, but in some cases it is not feasible to correlate these emissions to specific, quantifiable health impacts (e.g., premature mortality; hospital admissions). In such cases, a general description of the adverse health impacts resulting from the pollutants at issue may be sufficient. In other cases, due to the magnitude

¹ The CEQA Guidelines are found at Cal. Code Regs., tit. 14 §§ 15000, *et seq.*

or nature of the pollution emissions, as well as the specificity of the project involved, it may be feasible to quantify health impacts. Or there may be a less exacting, but still meaningful analysis of health impacts that can feasibly be performed. In these instances, agencies should disclose those impacts.

SCAQMD also submits that whether or not an EIR complies with CEQA's informational mandates by providing sufficient, feasible analysis is a mixed question of fact and law. Pertinent here, the question of whether an EIR's discussion of health impacts from air pollution is sufficient to allow the public to understand and consider meaningfully the issues involves two inquiries: (1) Is it feasible to provide the information or analysis that a commenter is requesting or a petitioner is arguing should be required?; and (2) Even if it is feasible, is the agency relying on other policy or legal considerations to justify not preparing the requested analysis? The first question of whether an analysis is feasible is primarily a question of fact that should be judged by the substantial evidence standard. The second inquiry involves evaluating CEQA's information disclosure purposes against the asserted reasons to not perform the requested analysis. For example, an agency might believe that its EIR meets CEQA's informational disclosure standards even without a particular analysis, and therefore choose not to conduct that analysis. SCAQMD submits that this is more of a legal question, which should be reviewed de novo as a question of law.

ARGUMENT

I. RELEVANT FACTUAL AND LEGAL FRAMEWORK.

A. Air Quality Regulatory Background

The South Coast Air Quality Management District (SCAQMD) is one of the local and regional air pollution control districts and air quality

management districts in California. The SCAQMD is the regional air pollution agency for the South Coast Air Basin, which consists of all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. (Health & Saf. Code § 40410, 17 Cal. Code Reg. § 60104.) The SCAQMD also includes the Coachella Valley in Riverside County (Palm Springs area to the Salton Sea). (SCAQMD, *Final 2012 AQMP (Feb. 2013)*, <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan>; then follow “chapter 7” hyperlink; pp 7-1, 7-3 (last visited Apr. 1, 2015).) The SCAQMD's jurisdiction includes over 16 million residents and has the worst or nearly the worst air pollution levels in the country for ozone and fine particulate matter. (SCAQMD, *Final 2012 AQMP (Feb. 2013)*, <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan>; then follow “Executive Summary” hyperlink p. ES-1 (last visited Apr. 1, 2015).)

Under California law, the local and regional districts are primarily responsible for controlling air pollution from all sources except motor vehicles. (Health & Saf. Code § 40000.) The California Air Resources Board (CARB), part of the California Environmental Protection Agency, is primarily responsible for controlling pollution from motor vehicles. (*Id.*) The air districts must adopt rules to achieve and maintain the state and federal ambient air quality standards within their jurisdictions. (Health & Saf. Code § 40001.)

The federal Clean Air Act (CAA) requires the United States Environmental Protection Agency (EPA) to identify pollutants that are widely distributed and pose a threat to human health, developing a so-called “criteria” document. (42 U.S.C. § 7408; CAA § 108.) These pollutants are frequently called “criteria pollutants.” EPA must then establish “national ambient air quality standards” at levels “requisite to protect public health”,

allowing “an adequate margin of safety.” (42 U.S.C. § 7409; CAA § 109.) EPA has set standards for six identified pollutants: ozone, nitrogen dioxide, sulfur dioxide, carbon monoxide, particulate matter (PM), and lead. (U.S. EPA, National Ambient Air Quality Standards (NAAQS), <http://www.epa.gov/air/criteria.html> (last updated Oct. 21, 2014).)²

Under the Clean Air Act, EPA sets emission standards for motor vehicles and “nonroad engines” (mobile farm and construction equipment, marine vessels, locomotives, aircraft, etc.). (42 U.S.C. §§ 7521, 7547; CAA §§ 202, 213.) California is the only state allowed to establish emission standards for motor vehicles and most nonroad sources; however, it may only do so with EPA's approval. (42 U.S.C. §§ 7543(b), 7543(e); CAA §§ 209(b), 209(c).) Sources such as manufacturing facilities, power plants and refineries that are not mobile are often referred to as “stationary sources.” The Clean Air Act charges state and local agencies with the primary responsibility to attain the national ambient air quality standards. (42 U.S.C. § 7401(a)(3); CAA § 101(a)(3).) Each state must adopt and implement a plan including enforceable measures to achieve and maintain the national ambient air quality standards. (42 U.S.C. § 7410; CAA § 110.) The SCAQMD and CARB jointly prepare portion of the plan for the South Coast Air Basin and submit it for approval by EPA. (Health & Saf. Code §§ 40460, et seq.)

The Clean Air Act also requires state and local agencies to adopt a permit program requiring, among other things, that new or modified “major” stationary sources use technology to achieve the “lowest achievable emission rate,” and to control minor stationary sources as

² Particulate matter (PM) is further divided into two categories: fine particulate or PM_{2.5} (particles with a diameter of less than or equal to 2.5 microns) and coarse particulate (PM₁₀) (particles with a diameter of 10 microns or less). (U.S. EPA, Particulate Matter (PM), <http://www.epa.gov/airquality/particulatepollution/> (last visited Apr. 1, 2015).)

needed to help attain the standards. (42 U.S.C. §§ 7502(c)(5), 7503(a)(2), 7410(a)(2)(C); CAA §§ 172(c)(5), 173(a)(2), 110(a)(2)(C).) The air districts implement these permit programs in California. (Health & Saf. Code §§ 42300, et seq.)

The Clean Air Act also sets out a regulatory structure for over 100 so-called “hazardous air pollutants” calling for EPA to establish “maximum achievable control technology” (MACT) for sources of these pollutants. (42 U.S.C. § 7412(d)(2); CAA § 112(d)(2).) California refers to these pollutants as “toxic air contaminants” (TACs) which are subject to two state-required programs. The first program requires “air toxics control measures” for specific categories of sources. (Health & Saf. Code § 39666.) The other program requires larger stationary sources and sources identified by air districts to prepare “health risk assessments” for impacts of toxic air contaminants. (Health & Saf. Code §§ 44320(b), 44322, 44360.) If the health risk exceeds levels identified by the district as “significant,” the facility must implement a “risk reduction plan” to bring its risk levels below “significant” levels. Air districts may adopt additional more stringent requirements than those required by state law, including requirements for toxic air contaminants. (Health & Saf. Code § 41508; *Western Oil & Gas Assn. v. Monterey Bay Unified APCD* (1989) 49 Cal.3d 408, 414.) For example, SCAQMD has adopted a rule requiring new or modified sources to keep their risks below specified levels and use best available control technology (BACT) for toxics. (SCAQMD, *Rule 1401-New Source Review of Toxic Air Contaminants*, <http://www.aqmd.gov/home/regulations/rules/scaqmd-rule-book/regulation-xiv>; then follow “Rule 1401” hyperlink (last visited Apr. 1, 2015).)

B. The SCAQMD's Role Under CEQA

The California Environmental Quality Act (CEQA) requires public agencies to perform an environmental review and appropriate analysis for projects that they implement or approve. (Pub. Resources Code § 21080(a).) The agency with primary approval authority for a particular project is generally the “lead agency” that prepares the appropriate CEQA document. (CEQA Guidelines §§ 15050, 15051.) Other agencies having a subsequent approval authority over all or part of a project are called “responsible” agencies that must determine whether the CEQA document is adequate for their use. (CEQA Guidelines §§ 15096(c), 15381.) Lead agencies must also consult with and circulate their environmental impact reports to “trustee agencies” and agencies “with jurisdiction by law” including “authority over resources which may be affected by the project.” (Pub. Resources Code §§ 21104(a), 21153; CEQA Guidelines §§ 15086(a)(3), 15073(c).) The SCAQMD has a role in all these aspects of CEQA.

Fulfilling its responsibilities to implement its air quality plan and adopt rules to attain the national ambient air quality standards, SCAQMD adopts a dozen or more rules each year to require pollution reductions from a wide variety of sources. The SCAQMD staff evaluates each rule for any adverse environmental impact and prepares the appropriate CEQA document. Although most rules reduce air emissions, they may have secondary environmental impacts such as use of water or energy or disposal of waste—e.g., spent catalyst from control equipment.³

³ The SCAQMD's CEQA program for its rules is a “Certified Regulatory Program” under which it prepares a “functionally equivalent” document in lieu of a negative declaration or EIR. (Pub. Resources Code § 21080.5, CEQA Guidelines § 15251(l).)

The SCAQMD also approves a large number of permits every year to construct new, modified, or replacement facilities that emit regulated air pollutants. The majority of these air pollutant sources have already been included in an earlier CEQA evaluation for a larger project, are currently being evaluated by a local government as lead agency, or qualify for an exemption. However, the SCAQMD sometimes acts as lead agency for major projects where the local government does not have a discretionary approval. In such cases, SCAQMD prepares and certifies a negative declaration or environmental impact report (EIR) as appropriate.⁴ SCAQMD evaluates perhaps a dozen such permit projects under CEQA each year. SCAQMD is often also a “responsible agency” for many projects since it must issue a permit for part of the projects (e.g., a boiler used to provide heat in a commercial building). For permit projects evaluated by another lead agency under CEQA, SCAQMD has the right to determine that the CEQA document is inadequate for its purposes as a responsible agency, but it may not do so because its permit program already requires all permitted sources to use the best available air pollution control technology. (SCAQMD, *Rule 1303(a)(1) – Requirements*, <http://www.aqmd.gov/home/regulations/rules/scaqmd-rule-book/regulation-xiii>; then follow “Rule 1303” hyperlink (last visited Apr. 1, 2015).)

Finally, SCAQMD receives as many as 60 or more CEQA documents each month (around 500 per year) in its role as commenting agency or an agency with “jurisdiction by law” over air quality—a natural resource affected by the project. (Pub. Resources Code §§ 21104(a), 21153; CEQA Guidelines § 15366(a)(3).) The SCAQMD staff provides comments on as many as 25 or 30 such documents each month.

⁴ The SCAQMD's permit projects are not included in its Certified Regulatory Program, and are evaluated under the traditional local government CEQA analysis. (Pub. Resources Code §§ 21150-21154.)

(SCAQMD Governing Board Agenda, Apr. 3, 2015, Agenda Item 16, Attachment A, <http://www.aqmd.gov/home/library/meeting-agendas-minutes/agenda?title=governing-board-meeting-agenda-april-3-2015>; then follow “16. Lead Agency Projects and Environmental Documents Received by SCAQMD” hyperlink (last visited Apr. 1, 2015).) Of course, SCAQMD focuses its commenting efforts on the more significant projects.

Typically, SCAQMD comments on the adequacy of air quality analysis, appropriateness of assumptions and methodology, and completeness of the recommended air quality mitigation measures. Staff may comment on the need to prepare a health risk assessment detailing the projected cancer and noncancer risks from toxic air contaminants resulting from the project, particularly the impacts of diesel particulate matter, which CARB has identified as a toxic air contaminant based on its carcinogenic effects. (California Air Resources Board, Resolution 98-35, Aug. 27, 1998, <http://www.arb.ca.gov/regact/diesltac/diesltac.htm>; then follow Resolution 98-35 hyperlink (last visited Apr. 1, 2015).) Because SCAQMD already requires new or modified stationary sources of toxic air contaminants to use the best available control technology for toxics and to keep their risks below specified levels, (SCAQMD Rule 1401, *supra*, note 15), the greatest opportunity to further mitigate toxic impacts through the CEQA process is by reducing emissions—particularly diesel emissions—from vehicles.

II. THIS COURT SHOULD NOT SET A HARD-AND-FAST RULE CONCERNING THE EXTENT TO WHICH AN EIR MUST CORRELATE A PROJECT’S EMISSION OF POLLUTANTS WITH RESULTING HEALTH IMPACTS.

Numerous cases hold that courts do not review the correctness of an EIR's conclusions but rather its sufficiency as an informative document. (*Laurel Heights 1*, *supra*, 47 Cal.3d at p. 392; *Citizens of Goleta Valley v.*

Bd. of Supervisors (1990) 52 Cal.3d 553, 569; *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 124 Cal.App.4th 1184, 1197.)

As stated by the Court of Appeal in this case, where an EIR has addressed a topic, but the petitioner claims that the information provided about that topic is insufficient, courts must “draw[] a line that divides *sufficient* discussions from those that are *insufficient*.” (*Sierra Club v. County of Fresno* (2014) 226 Cal.App.4th 704 (superseded by grant of review) 172 Cal.Rptr.3d 271, 290.) The Court of Appeal readily admitted that “[t]he terms themselves – sufficient and insufficient – provide little, if any, guidance as to where the line should be drawn. They are simply labels applied once the court has completed its analysis.” (*Id.*)

The CEQA Guidelines, however, provide guidance regarding what constitutes a sufficient discussion of impacts. Section 15151 states that “the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible.” Case law reflects this: “Analysis of environmental effects need not be exhaustive, but will be judged in light of what was reasonably feasible.” (*Association of Irrigated Residents v. County of Madera, supra*, 107 Cal.App.4th at p. 1390; see also CEQA Guidelines § 15204(a).)

Applying this test, this Court cannot realistically establish a hard-and-fast rule that an analysis correlating air pollution impacts of a project to quantified resulting health impacts is always required, or indeed that it is never required. Simply put, in some cases such an analysis will be “feasible”; in some cases it will not.

For example, air pollution control districts often require a proposed new source of toxic air contaminants to prepare a “health risk assessment” before issuing a permit to construct. District rules often limit the allowable cancer risk the new source may cause to the “maximally exposed individual” (worker and residence exposures). (*See, e.g.*, SCAQMD Rule 1401(c)(8); 1401(d)(1), *supra* note 15.) In order to perform this analysis, it

is necessary to have data regarding the sources and types of air toxic contaminants, location of emission points, velocity of emissions, the meteorology and topography of the area, and the location of receptors (worker and residence). (SCAQMD, *Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act (AB2588)*, pp. 11-16; (last visited Apr. 1, 2015) <http://www.aqmd.gov/home/library/documents-support-material>; "Guidelines" hyperlink; AB2588; then follow AB2588 Risk Assessment Guidelines hyperlink.)

Thus, it is feasible to determine the health risk posed by a new gas station locating at an intersection in a mixed use area, where receptor locations are known. On the other hand, it may not be feasible to perform a health risk assessment for airborne toxics that will be emitted by a generic industrial building that was built on "speculation" (i.e., without knowing the future tenant(s)). Even where a health risk assessment can be prepared, however, the resulting maximum health risk value is only a calculation of risk—it does not necessarily mean anyone will contract cancer as a result of the project.

In order to find the "cancer burden" or expected additional cases of cancer resulting from the project, it is also necessary to know the numbers and location of individuals living within the "zone of impact" of the project: i.e., those living in areas where the projected cancer risk from the project exceeds one in a million. (SCAQMD, Health Risk Assessment Summary form, <http://www.aqmd.gov/home/forms>; filter by "AB2588" category; then "Health Risk Assessment" hyperlink (last visited Apr. 1, 2015).) The affected population is divided into bands of those exposed to at least 1 in a million risk, those exposed to at least 10 in a million risk, etc. up to those exposed at the highest levels. (*Id.*) This data allows agencies to calculate an approximate number of additional cancer cases expected from

the project. However, it is not possible to predict which particular individuals will be affected.

For the so-called criteria pollutants⁵, such as ozone, it may be more difficult to quantify health impacts. Ozone is formed in the atmosphere from the chemical reaction of the nitrogen oxides (NO_x) and volatile organic compounds (VOC) in the presence of sunlight. (U.S. EPA, Ground Level Ozone, <http://www.epa.gov/airquality/ozonepollution/> (last updated Mar. 25, 2015).) It takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources. (U.S. EPA, *Guideline on Ozone Monitoring Site Selection* (Aug. 1998) EPA-454/R-98-002 § 5.1.2, <http://www.epa.gov/ttnamti1/archive/cpreldoc.html> (last visited Apr. 1, 2015).) NO_x and VOC are known as “precursors” of ozone.

Scientifically, health effects from ozone are correlated with increases in the ambient level of ozone in the air a person breathes. (U.S. EPA, *Health Effects of Ozone in the General Population*, Figure 9, <http://www.epa.gov/apti/ozonehealth/population.html#levels> (last visited Apr. 1, 2015).) However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient ozone levels over an entire region. For example, the SCAQMD's 2012 AQMP showed that reducing NO_x by 432 tons per day (157,680 tons/year) and reducing VOC by 187 tons per day (68,255 tons/year) would reduce ozone levels at the SCAQMD's monitor site with the highest levels by only 9 parts per billion. (South Coast Air Quality Management District, *Final 2012 AQMP (February 2013)*, <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan>; then follow “Appendix V: Modeling & Attainment Demonstrations” hyperlink,

⁵ See discussion of types of pollutants, *supra*, Part I.A.

pp. v-4-2, v-7-4, v-7-24.) SCAQMD staff does not currently know of a way to accurately quantify ozone-related health impacts caused by NO_x or VOC emissions from relatively small projects.

On the other hand, this type of analysis may be feasible for projects on a regional scale with very high emissions of NO_x and VOCs, where impacts are regional. For example, in 2011 the SCAQMD performed a health impact analysis in its CEQA document for proposed Rule 1315, which authorized various newly-permitted sources to use offsets from the districts “internal bank” of emission reductions. This CEQA analysis accounted for essentially *all* the increases in emissions due to new or modified sources in the District between 2010 and 2030.⁶ The SCAQMD was able to correlate this very large emissions increase (e.g., 6,620 pounds per day NO_x (1,208 tons per year), 89,180 pounds per day VOC (16,275 tons per year)) to expected health outcomes from ozone and particulate matter (e.g., 20 premature deaths per year and 89,947 school absences in the year 2030 due to ozone).⁷ (SCAQMD Governing Board Agenda, February 4, 2011, Agenda Item 26, *Assessment for: Re-adoption of Proposed Rule 1315 – Federal New Source Review Tracking System* (see hyperlink in fn 6) at p. 4.1-35, Table 4.1-29.)

⁶ (SCAQMD Governing Board Agenda, February 4, 2011, Agenda Item 26, Attachment G, *Assessment for: Re-adoption of Proposed Rule 1315 – Federal New Source Review Tracking System, Vol. 1, p.4.0-6*, <http://www.aqmd.gov/home/library/meeting-agendas-minutes/agenda?title=governing-board-meeting-agenda-february-4-2011>; the follow “26. Adopt Proposed Rule 1315 – Federal New Source Review Tracking System” (last visited April 1, 2015).)

⁷ The SCAQMD was able to establish the location of future NO_x and VOC emissions by assuming that new projects would be built in the same locations and proportions as existing stationary sources. This CEQA document was upheld by the Los Angeles County Superior Court in *Natural Res. Def. Council v SCAQMD*, Los Angeles Superior Court No. BS110792).

However, a project emitting only 10 tons per year of NO_x or VOC is small enough that its regional impact on ambient ozone levels may not be detected in the regional air quality models that are currently used to determine ozone levels. Thus, in this case it would not be feasible to directly correlate project emissions of VOC or NO_x with specific health impacts from ozone. This is in part because ozone formation is not linearly related to emissions. Ozone impacts vary depending on the location of the emissions, the location of other precursor emissions, meteorology and seasonal impacts, and because ozone is formed some time later and downwind from the actual emission. (EPA Guideline on Ozone Monitoring Site Selection (Aug. 1998) EPA-454/R-98-002, § 5.1.2; <https://www.epa.gov/ttnamti1/archive/cpreldoc.html>; then search “Guideline on Ozone Monitoring Site Selection” click on pdf) (last viewed Apr. 1, 2015).)

SCAQMD has set its CEQA “significance” threshold for NO_x and VOC at 10 tons per year (expressed as 55 lb/day). (SCAQMD, *Air Quality Analysis Handbook*, <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook>; then follow “SCAQMD Air Quality Significance Thresholds” hyperlink (last visited Apr. 1, 2015).) This is because the federal Clean Air Act defines a “major” stationary source for “extreme” ozone nonattainment areas such as SCAQMD as one emitting 10 tons/year. (42 U.S.C. §§ 7511a(e), 7511a(f); CAA §§ 182(e), 182(f).) Under the Clean Air Act, such sources are subject to enhanced control requirements (42 U.S.C. §§ 7502(c)(5), 7503; CAA §§ 172(c)(5), 173), so SCAQMD decided this was an appropriate threshold for making a CEQA “significance” finding and requiring feasible mitigation. Essentially, SCAQMD takes the position that a source that emits 10 tons/year of NO_x or VOC would contribute cumulatively to ozone formation. Therefore, lead agencies that use SCAQMD’s thresholds of significance may determine

that many projects have “significant” air quality impacts and must apply all feasible mitigation measures, yet will not be able to precisely correlate the project to quantifiable health impacts, unless the emissions are sufficiently high to use a regional modeling program.

In the case of particulate matter (PM_{2.5})⁸, another “criteria” pollutant, SCAQMD staff is aware of two possible methods of analysis. SCAQMD used regional modeling to predict expected health impacts from its proposed Rule 1315, as mentioned above. Also, the California Air Resources Board (CARB) has developed a methodology that can predict expected mortality (premature deaths) from large amounts of PM_{2.5}. (California Air Resources Board, *Health Impacts Analysis: PM Premature Death Relationship*, http://www.arb.ca.gov/research/health/pm-mort/pm-mort_arch.htm (last reviewed Jan. 19, 2012).) SCAQMD used the CARB methodology to predict impacts from three very large power plants (e.g., 731-1837 lbs/day). (Final Environmental Assessment for Rule 1315, *supra*, pp 4.0-12, 4.1-13, 4.1-37 (e.g., 125 premature deaths in the entire SCAQMD in 2030), 4.1-39 (0.05 to 1.77 annual premature deaths from power plants.) Again, this project involved large amounts of additional PM_{2.5} in the District, up to 2.82 tons/day (5,650 lbs/day of PM_{2.5}, or, or 1029 tons/year. (*Id.* at table 4.1-4, p. 4.1-10.)

However, the primary author of the CARB methodology has reported that this PM_{2.5} health impact methodology is not suited for small projects and may yield unreliable results due to various uncertainties.⁹ (SCAQMD, *Final Subsequent Mitigated Negative Declaration for: Warren*

⁸ SCAQMD has not attained the latest annual or 24-hour national ambient air quality standards for “PM_{2.5}” or particulate matter less than 2.5 microns in diameter.

⁹ Among these uncertainties are the representativeness of the population used in the methodology, and the specific source of PM and the corresponding health impacts. (*Id.* at p. 2-24.)

E&P, Inc. WTU Central Facility, New Equipment Project (certified July 19, 2011), <http://www.aqmd.gov/home/library/documents-support-material/lead-agency-permit-projects/permit-project-documents---year-2011>; then follow “Final Subsequent Mitigated Negative Declaration for Warren E&P Inc. WTU Central Facility, New Equipment Project” hyperlink, pp. 2-22, 2-23 (last visited Apr. 1, 2015).) Therefore, when SCAQMD prepared a CEQA document for the expansion of an existing oil production facility, with very small PM_{2.5} increases (3.8 lb/day) and a very small affected population, staff elected not to use the CARB methodology for using estimated PM_{2.5} emissions to derive a projected premature mortality number and explained why it would be inappropriate to do so. (*Id.* at pp 2-22 to 2-24.) SCAQMD staff concluded that use of this methodology for such a small source could result in unreliable findings and would not provide meaningful information. (*Id.* at pp. 2-23, 2-25.) This CEQA document was not challenged in court.

In the above case, while it may have been technically possible to plug the data into the methodology, the results would not have been reliable or meaningful. SCAQMD believes that an agency should not be required to perform analyses that do not produce reliable or meaningful results. This Court has already held that an agency may decline to use even the “normal” “existing conditions” CEQA baseline where to do so would be misleading or without informational value. (*Neighbors for Smart Rail v. Exposition Metro Line* (2013) 57 Cal.4th 439, 448, 457.) The same should be true for a decision that a particular study or analysis would not provide reliable or meaningful results.¹⁰

¹⁰ Whether a particular study would result in “informational value” is a part of deciding whether it is “feasible.” CEQA defines “feasible” as “capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social, and

Therefore, it is not possible to set a hard-and-fast rule on whether a correlation of air quality impacts with specific quantifiable health impacts is required in all cases. Instead, the result turns on whether such an analysis is reasonably feasible in the particular case.¹¹ Moreover, what is reasonably feasible may change over time as scientists and regulatory agencies continually seek to improve their ability to predict health impacts. For example, CARB staff has been directed by its Governing Board to reassess and improve the methodology for estimating premature deaths. (California Air Resources Board, *Health Impacts Analysis: PM Mortality Relationship*, <http://www.arb.ca.gov/research/health/pm-mort/pm-mort.htm> (last reviewed Dec. 29, 2010).) This factor also counsels against setting any hard-and-fast rule in this case.

III. THE QUESTION OF WHETHER AN EIR CONTAINS SUFFICIENT ANALYSIS TO MEET CEQA'S REQUIREMENTS IS A MIXED QUESTION OF FACT AND LAW GOVERNED BY TWO DIFFERENT STANDARDS OF REVIEW.

A. Standard of Review for Feasibility Determination and Sufficiency as an Informative Document

A second issue in this case is whether courts should review an EIR's informational sufficiency under the "substantial evidence" test as argued by Friant Ranch or the "independent judgment" test as argued by Sierra Club.

technological factors." (Pub. Resources Code § 21061.1.) A study cannot be "accomplished in a *successful* manner" if it produces unreliable or misleading results.

¹¹ In this case, the lead agency did not have an opportunity to determine whether the requested analysis was feasible because the comment was non-specific. Therefore, SCAQMD suggests that this Court, after resolving the legal issues in the case, direct the Court of Appeal to remand the case to the lead agency for a determination of whether the requested analysis is feasible. Because Fresno County, the lead agency, did not seek review in this Court, it seems likely that the County has concluded that at least some level of correlation of air pollution with health impacts is feasible.

As this Court has explained, “a reviewing court must adjust its scrutiny to the nature of the alleged defect, depending on whether the claim is predominantly one of improper procedure or a dispute over the facts.” (*Vineyard Area Citizens v. City of Rancho Cordova, supra*, 40 Cal.4th at 435.) For questions regarding compliance with proper procedure or other legal questions, courts review an agency’s action de novo under the “independent judgment” test. (*Id.*) On the other hand, courts review factual disputes only for substantial evidence, thereby “accord[ing] greater deference to the agency’s substantive factual conclusions.” (*Id.*)

Here, Friant Ranch and Sierra Club agree that the case involves the question of whether an EIR includes sufficient information regarding a project’s impacts. However, they disagree on the proper standard of review for answering this question: Sierra Club contends that courts use the independent judgment standard to determine whether an EIR’s analysis is sufficient to meet CEQA’s informational purposes,¹² while Friant Ranch contends that the substantial evidence standard applies to this question.

///
///
///
///
///
///
///
///
///
///

¹² Sierra Club acknowledges that courts use the substantial evidence standard when reviewing predicate factual issues, but argues that courts ultimately decide as a matter of law what CEQA requires. (Answering Brief, pp. 14, 23.)

SCAQMD submits that the issue is more nuanced than either party contends. We submit that, whether a CEQA document includes sufficient analysis to satisfy CEQA's informational mandates is a mixed question of fact and law,¹³ containing two levels of inquiry that should be judged by different standards.¹⁴

The state CEQA Guidelines set forth standards for the adequacy of environmental analysis. Guidelines Section 15151 states:

An EIR should be prepared with a sufficient degree of analysis to provide decision makers with information which enables them to make a decision which intelligently takes account of environmental consequences. An evaluation of the environmental effects of a proposed project need not be exhaustive, but the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible. Disagreement among experts does not make an EIR inadequate, but the EIR should summarize the main points of disagreement among the experts. The courts have looked not for perfection, but for adequacy, completeness, and a good-faith effort at full disclosure.

In this case, the basic question is whether the underlying analysis of air quality impacts made the EIR "sufficient" as an informative document. However, whether the EIR's analysis was sufficient is judged in light of what was reasonably feasible. This represents a mixed question of fact and law that is governed by two different standards of review.

¹³ Friant Ranch actually states that the claim that an EIR lacks sufficient relevant information is, "most properly thought of as raising mixed questions of fact and law." (Opening Brief, p. 27.) However, the remainder of its argument claims that the court should apply the substantial evidence standard of review to all aspects of the issue.

¹⁴ Mixed questions of fact and law issues may implicate predominantly factual subordinate questions that are reviewed under the substantial evidence test even though the ultimate question may be reviewed by the independent judgment test. *Crocker National Bank v. City and County of San Francisco* (1989) 49 Cal.3d 881, 888-889.

SCAQMD submits that an EIR's sufficiency as an informational document is ultimately a legal question that courts should determine using their independent judgment. This Court's language in *Laurel Heights I* supports this position. As this Court explained: "The court does not pass upon the correctness of the EIR's environmental conclusions, but only upon its *sufficiency as an informative document*." (*Laurel Heights I, supra*, 47 Cal.3d at 392-393) (emphasis added.) As described above, the Court in *Vineyard Area Citizens v. City of Rancho Cordova, supra*, 40 Cal.4th at 431, also used its independent judgment to determine what level of analysis CEQA requires for water supply impacts. The Court did not defer to the lead agency's opinion regarding the law's requirements; rather, it determined for itself what level of analysis was necessary to meet "[t]he law's informational demands." (*Id.* at p. 432.) Further, existing case law also holds that where an agency fails to comply with CEQA's information disclosure requirements, the agency has "failed to proceed in the manner required by law." (*Save Our Peninsula Comm. v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 118.)

However, whether an EIR satisfies CEQA's requirements depends in part on whether it was reasonably feasible for an agency to conduct additional or more thorough analysis. EIRs must contain "a detailed statement" of a project's impacts (Pub. Res. Code § 21061), and an agency must "use its best efforts to find out and disclose all that it reasonably can." (CEQA Guidelines § 15144.) Nevertheless, "the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible." (CEQA Guidelines § 15151.)

SCAQMD submits that the question of whether additional analysis or a particular study suggested by a commenter is "feasible" is generally a question of fact. Courts have already held that whether a particular alternative is "feasible" is reviewed by the substantial evidence test.

(*Uphold Our Heritage v. Town of Woodside* (2007) 147 Cal.App.4th 587, 598-99; *Center for Biological Diversity v. County of San Bernardino* (2010) 185 Cal.App.4th 866, 883.) Thus, if a lead agency determines that a particular study or analysis is infeasible, that decision should generally be judged by the substantial evidence standard. However, SCAQMD urges this Court to hold that lead agencies must explain the basis of any determination that a particular analysis is infeasible in the EIR itself. An EIR must discuss information, including issues related to the feasibility of particular analyses “in sufficient detail to enable meaningful participation and criticism by the public. ‘[W]hatever is required to be considered in an EIR must be in that formal report; what any official might have known from other writings or oral presentations cannot supply what is lacking in the report.’” (*Laurel Heights I, supra*, 47 Cal.3d at p. 405 (quoting *Santiago County Water District v. County of Orange* (1981) 118 Cal.App.3d 818, 831) (discussing analysis of alternatives).) The evidence on which the determination is based should also be summarized in the EIR itself, with appropriate citations to reference materials if necessary. Otherwise commenting agencies such as SCAQMD would be forced to guess where the lead agency's evidence might be located, thus thwarting effective public participation.

Moreover, if a lead agency determines that a particular study or analysis would not result in reliable or useful information and for that reason is not feasible, that determination should be judged by the substantial evidence test. (See *Neighbors for Smart Rail v. Exposition Metro Line Construction Authority, supra*, 57 Cal.4th 439, 448, 457:

whether “existing conditions” baseline would be misleading or uninformative judged by substantial evidence standard.¹⁵)

If the lead agency’s determination that a particular analysis or study is not feasible is supported by substantial evidence, then the agency has not violated CEQA’s information disclosure provisions, since it would be infeasible to provide additional information. This Court’s decisions provide precedent for such a result. For example, this Court determined that the issue of whether the EIR should have included a more detailed discussion of future herbicide use was resolved because substantial evidence supported the agency’s finding that “the precise parameters of future herbicide use could not be predicted.” *Ebbetts Pass Forest Watch v. California Dept. of Forestry & Fire Protection* (2008) 43 Cal.4th 936, 955.

Of course, SCAQMD expects that courts will continue to hold lead agencies to their obligations to consult with, and not to ignore or misrepresent, the views of sister agencies having special expertise in the area of air quality. (*Berkeley Keep Jets Over the Bay v. Board of Port Commissioners* (2007) 91 Cal.App.4th 1344, 1364 n.11.) In some cases, information provided by such expert agencies may establish that the purported evidence relied on by the lead agency is not in fact “substantial”. (*Id.* at pp. 1369-1371.)

In sum, courts retain ultimate responsibility to determine what CEQA requires. However, the law does not require exhaustive analysis, but only what is reasonably feasible. Agencies deserve deference for their factual determinations regarding what type of analysis is reasonably feasible. On the other hand, if a commenter requests more information, and the lead agency declines to provide it but does *not* determine that the

¹⁵ The substantial evidence standard recognizes that the courts "have neither the resources nor the scientific expertise" to weigh conflicting evidence on technical issues. (*Laurel Heights I, supra*, 47 Cal.3d 376, 393.)

requested study or analysis would be infeasible, misleading or uninformative, the question becomes whether the omission of that analysis renders the EIR inadequate to satisfy CEQA's informational purposes. (*Id.* at pp. 1370-71.) Again, this is predominantly a question of law and should be judged by the de novo or independent judgment standard of review. Of course, this Court has recognized that a "project opponent or reviewing court can always imagine some additional study or analysis that might provide helpful information. It is not for them to design the EIR. That further study...might be helpful does not make it necessary." (*Laurel Heights I, supra*, 47 Cal.3d 376, 415 – see also CEQA Guidelines § 15204(a) [CEQA "does not require a lead agency to conduct every test. . . recommended or demanded by commenters."].) Courts, then, must adjudicate whether an omission of particular information renders an EIR inadequate to serve CEQA's informational purposes.¹⁶

¹⁶ We recognize that there is case law stating that the substantial evidence standard applies to "challenges to the scope of an EIR's analysis of a topic" as well as the methodology used and the accuracy of the data relied on in the document "because these types of challenges involve factual questions." (*Bakersfield Citizens for Local Control v. City of Bakersfield, supra*, 124 Cal.App.4th 1184, 1198, and cases relied on therein.) However, we interpret this language to refer to situations where the question of the scope of the analysis really is factual—that is, where it involves whether further analysis is feasible, as discussed above. This interpretation is supported by the fact that the *Bakersfield* court expressly rejected an argument that a claimed "omission of information from the EIR should be treated as inquiries whether there is substantial evidence supporting the decision approving the project." *Bakersfield, supra*, 124 Cal.App.4th at p. 1208. And the *Bakersfield* court ultimately decided that the lead agency must analyze the connection between the identified air pollution impacts and resulting health impacts, even though the EIR already included some discussion of air-pollution-related respiratory illnesses. *Bakersfield, supra*, 124 Cal.App.4th at p. 1220. Therefore, the court must not have interpreted this question as one of the "scope of the analysis" to be judged by the substantial evidence standard.

B. Friant Ranch's Rationale for Rejecting the Independent Judgment Standard of Review is Unsupported by Case Law.

In its brief, Friant Ranch makes a distinction between cases where a required CEQA topic is not discussed at all (to be reviewed by independent judgment as a failure to proceed in the manner required by law) and cases where a topic is discussed, but the commenter claims the information provided is insufficient (to be judged by the substantial evidence test). (Opening Brief, pp. 13-17.) The Court of Appeal recognized these two types of cases, but concluded that both raised questions of law. (*Sierra Club v. County of Fresno* (2014) 226 Cal.App.4th 704 (superseded by grant of review) 172 Cal.Rptr.3d 271, 290.) We believe the distinction drawn by Friant Ranch is unduly narrow, and inconsistent with cases which have concluded that CEQA documents are insufficient. In many instances, CEQA's requirements are stated broadly, and the courts must interpret the law to determine what level of analysis satisfies CEQA's mandate for providing meaningful information, even though the EIR discusses the issue to some extent.

For example, the CEQA Guidelines require discussion of the existing environmental baseline. In *County of Amador v. El Dorado County Water Agency* (1999) 76 Cal.App.4th 931, 954-955, the lead agency had discussed the environmental baseline by describing historic month-end water levels in the affected lakes. However, the court held that this was not an adequate baseline discussion because it failed to discuss the timing and amounts of past actual water releases, to allow comparison with the proposed project. The court evidently applied the independent judgment test to its decision, even though the agency discussed the issue to some extent.

Likewise, in *Vineyard Area Citizens* (2007) 40 Cal.4th 412, this Court addressed the question of whether an EIR's analysis of water supply impacts complied with CEQA. The parties agreed that the EIR was required to analyze the effects of providing water to the development project, "and that in order to do so the EIR had, in some manner, to identify the planned sources of that water." (*Vineyard Area Citizens, supra*, at p. 428.) However, the parties disagreed as to the level of detail required for this analysis and "what level of uncertainty regarding the availability of water supplies can be tolerated in an EIR" (*Id.*) In other words, the EIR had analyzed water supply impacts for the project, but the petitioner claimed that the analysis was insufficient.

This Court noted that neither CEQA's statutory language or the CEQA Guidelines specifically addressed the question of how precisely an EIR must discuss water supply impacts. (*Id.*) However, it explained that CEQA "states that '[w]hile foreseeing the unforeseeable is not possible, an agency must use its best efforts to find out and disclose all that it reasonably can.'" (*Id.*, [Guidelines § 15144].) The Court used this general principle, along with prior precedent, to elucidate four "principles for analytical adequacy" that are necessary in order to satisfy "CEQA's informational purposes." (*Vineyard Area Citizens, supra*, at p. 430.) The Court did not defer to the agency's determination that the EIR's analysis of water supply impacts was sufficient. Rather, this Court used its independent judgment to determine for itself the level of analysis required to satisfy CEQA's fundamental purposes. (*Vineyard Area Citizens, supra*, at p. 441: an EIR does not serve its purposes where it neglects to explain likely sources of water and "... leaves long term water supply considerations to later stages of the project.")

Similarly, the CEQA Guidelines require an analysis of noise impacts of the project. (Appendix G, “Environmental Checklist Form.”¹⁷) In *Gray v. County of Madera* (2008) 167 Cal.App.4th 1099, 1123, the court held that the lead agency’s noise impact analysis was inadequate even though it had addressed the issue and concluded that the increase would not be noticeable. If the court had been using the substantial evidence standard, it likely would have upheld this discussion.

Therefore, we do not agree that the issue can be resolved on the basis suggested by Friant Ranch, which would apply the substantial evidence standard to *every* challenge to an analysis that addresses a required CEQA topic. This interpretation would subvert the courts’ proper role in interpreting CEQA and determining what the law requires.

Nor do we agree that the Court of Appeal in this case violated CEQA’s prohibition on courts interpreting its provisions “in a manner which imposes procedural or substantive requirements beyond those explicitly stated in this division or in the state guidelines.” (Pub. Resources Code § 21083.1.) CEQA requires an EIR to describe *all* significant impacts of the project on the environment. (Pub. Resources Code § 21100(b)(2); *Vineyard Area Citizens, supra*, at p. 428.) Human beings are part of the environment, so CEQA requires EIRs to discuss a project’s significant impacts on human health. However, except in certain particular circumstances,¹⁸ neither the CEQA statute nor Guidelines specify the precise level of analysis that agencies must undertake to satisfy the law’s requirements. (see, e.g., CEQA Guidelines § 15126.2(a) [EIRs must describe “health and safety problems caused by {a project’s} physical changes”].) Accordingly, courts must interpret CEQA as a whole to

¹⁷ Association of Environmental Professionals, 2015 CEQA Statute and Guidelines (2015) p.287.

¹⁸ E.g., Pub. Resources Code § 21151.8(C)(3)(B)(iii) (requiring specific type of health risk analysis for siting schools).

determine whether a particular EIR is sufficient as an informational document. A court determining whether an EIR's discussion of human health impacts is legally sufficient does not constitute imposing a new substantive requirement.¹⁹ Under Friant Ranch's theory, the above-referenced cases holding a CEQA analysis inadequate would have violated the law. This is not a reasonable interpretation.

IV. COURTS MUST SCRUPULOUSLY ENFORCE THE REQUIREMENTS THAT LEAD AGENCIES CONSULT WITH AND OBTAIN COMMENTS FROM AIR DISTRICTS

Courts must "scrupulously enforce" CEQA's legislatively mandated requirements. (*Vineyard Area Citizens, supra*, 40 Cal.4th 412, 435.) Case law has firmly established that lead agencies must consult with the relevant air pollution control district before conducting an initial study, and must provide the districts with notice of the intention to adopt a negative declaration (or EIR). (*Schenck v. County of Sonoma* (2011) 198 Cal.App.4th 949, 958.) As *Schenck* held, neither publishing the notice nor providing it to the State Clearinghouse was a sufficient substitute for sending notice directly to the air district. (*Id.*) Rather, courts "must be satisfied that [administrative] agencies have fully complied with the procedural requirements of CEQA, since only in this way can the important public purposes of CEQA be protected from subversion." *Schenck*, 198 Cal.App.4th at p. 959 (citations omitted).²⁰

¹⁹ We submit that Public Resources Code Section 21083.1 was intended to prevent courts from, for example, holding that an agency must analyze economic impacts of a project where there are no resulting environmental impacts (see CEQA Guidelines § 15131), or imposing new procedural requirements, such as imposing additional public notice requirements not set forth in CEQA or the Guidelines.

²⁰ Lead agencies must consult air districts, as public agencies with jurisdiction by law over resources affected by the project, *before* releasing an EIR. (Pub. Resources Code §§ 21104(a); 21153.) Moreover, air

Lead agencies should be aware, therefore, that failure to properly seek and consider input from the relevant air district constitutes legal error which may jeopardize their project approvals. For example, the court in *Fall River Wild Trout Foundation v. County of Shasta*, (1999) 70 Cal.App.4th 482, 492 held that the failure to give notice to a trustee agency (Department of Fish and Game) was prejudicial error requiring reversal. The court explained that the lack of notice prevented the Department from providing any response to the CEQA document. (*Id.* at p. 492.) It therefore prevented relevant information from being presented to the lead agency, which was prejudicial error because it precluded informed decision-making. (*Id.*)²¹

districts should be considered “state agencies” for purposes of the requirement to consult with “trustee agencies” as set forth in Public Resources Code § 20180.3(a). This Court has long ago held that the districts are not mere “local agencies” whose regulations are superseded by those of a state agency regarding matters of statewide concern, but rather have concurrent jurisdiction over such issues. (*Orange County Air Pollution Control District v. Public Util. Com.* (1971) 4 Cal.3d 945, 951, 954.) Since air pollution is a matter of statewide concern, *Id.* at 952, air districts should be entitled to trustee agency status in order to ensure that this vital concern is adequately protected during the CEQA process.

²¹ In *Schenck*, the court concluded that failure to give notice to the air district was not prejudicial, but this was partly because the trial court had already corrected the error before the case arrived at the Court of Appeal. The trial court issued a writ of mandate requiring the lead agency to give notice to the air district. The air district responded by concurring with the lead agency that air impacts were not significant. (*Schenck*, 198 Cal.App.4th 949, 960.) We disagree with the *Schenck* court that the failure to give notice to the air district would not have been prejudicial (even in the absence of the trial court writ) merely because the lead agency purported to follow the air district’s published CEQA guidelines for significance. (*Id.*, 198 Cal.App.4th at p. 960.) In the first place, absent notice to the air district, it is uncertain whether the lead agency properly followed those guidelines. Moreover, it is not realistic to expect that an air district’s published guidelines would necessarily fully address all possible air-quality related issues that can arise with a CEQA project, or that those

Similarly, lead agencies must obtain additional information requested by expert agencies, including those with jurisdiction by law, if that information is necessary to determine a project's impacts. (*Sierra Club v. State Bd. Of Forestry* (1994) 7 Cal.4th 1215, 1236-37.) Approving a project without obtaining that information constitutes a failure to proceed in the manner prescribed by CEQA. (*Id.* at p. 1236.)

Moreover, a lead agency can save significant time and money by consulting with the air district early in the process. For example, the lead agency can learn what the air district recommends as an appropriate analysis on the facts of its case, including what kinds of health impacts analysis may be available, and what models are appropriate for use. This saves the lead agency from the need to do its analysis all over again and possibly needing to recirculate the document after errors are corrected, if new significant impacts are identified. (CEQA Guidelines § 15088.5(a).) At the same time, the air district's expert input can help the lead agency properly determine whether another commenter's request for additional analysis or studies is reasonable or feasible. Finally, the air district can provide input on what mitigation measures would be feasible and effective.

Therefore, we suggest that this Court provide guidance to lead agencies reminding them of the importance of consulting with the relevant air districts regarding these issues. Otherwise, their feasibility decisions may be vulnerable to air district evidence that establishes that there is no substantial evidence to support the lead agency decision not to provide specific analysis. (*See Berkeley Keep Jets Over the Bay, supra*, 91 Cal.App.4th 1344, 1369-1371.)

guidelines would necessarily be continually modified to reflect new developments. Therefore we believe that, had the trial court not already ordered the lead agency to obtain the air district's views, the failure to give notice would have been prejudicial, as in *Fall River, supra*, 70 Cal.App.4th 482, 492.

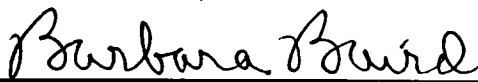
CONCLUSION

The SCAQMD respectfully requests this Court *not* to establish a hard-and-fast rule concerning whether CEQA requires a lead agency to correlate identified air quality impacts of a project with resulting health outcomes. Moreover, the question of whether an EIR is “sufficient as an informational document” is a mixed question of fact and law containing two levels of inquiry. Whether a particular proposed analysis is feasible is predominantly a question of fact to be judged by the substantial evidence standard of review. Where the requested analysis is feasible, but the lead agency relies on legal or policy reasons not to provide it, the question of whether the EIR is nevertheless sufficient as an informational document is predominantly a question of law to be judged by the independent judgment standard of review.

Respectfully submitted,

DATED: April 3, 2015

SOUTH COAST AIR QUALITY
MANAGEMENT DISTRICT
KURT R. WIESE, GENERAL COUNSEL
BARBARA BAIRD, CHIEF DEPUTY COUNSEL

By: 
Barbara Baird

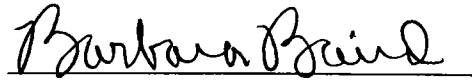
Attorneys for Amicus Curiae
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

CERTIFICATE OF WORD COUNT

Pursuant to Rule 8.520(c)(1) of the California Rules of Court, I hereby certify that this brief contains 8,476 words, including footnotes, but excluding the Application, Table of Contents, Table of Authorities, Certificate of Service, this Certificate of Word Count, and signature blocks. I have relied on the word count of the Microsoft Word Vista program used to prepare this Certificate.

DATED: April 3, 2015

Respectfully submitted,


Barbara Baird

PROOF OF SERVICE

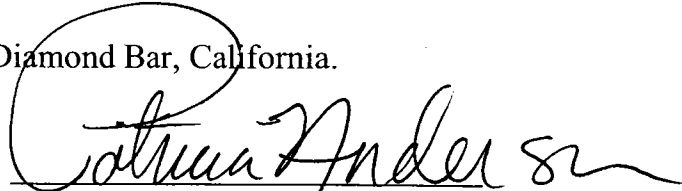
I am employed in the County of Los Angeles, California. I am over the age of 18 years and not a party to the within action. My business address is 21865 Copley Drive, Diamond Bar, California 91765.

On April 3, 2015 I served true copies of the following document(s) described as **APPLICATION OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT FOR LEAVE TO FILE BRIEF OF *AMICUS CURIAE* IN SUPPORT OF NEITHER PARTY AND [PROPOSED] BRIEF OF *AMICUS CURIAE*** by placing a true copy of the foregoing document(s) in a sealed envelope addressed as set forth on the attached service list as follows:

BY MAIL: I enclosed the document(s) in a sealed envelope or package addressed to the persons at the addresses listed in the Service List and placed the envelope for collection and mailing following our ordinary business practices. I am readily familiar with this District's practice for collection and processing of correspondence for mailing. Under that practice, the correspondence would be deposited with the United States Postal Service, with postage thereon fully prepaid at Diamond Bar, California, in the ordinary course of business. I am aware that on motion of the party served, service is presumed invalid if postal cancellation date or postage meter date is more than one day after date of deposit for mailing in affidavit.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on April 3, 2015 at Diamond Bar, California.


Patricia Anderson

SERVICE LIST

James G. Moose, Tiffany K. Wright,
Laura M. Harris
REMY MOOSE MANLEY, LLP
555 Capitol Mall, Suite 800
Sacramento, CA 95814

Attorneys for Real Party in
Interest and Respondent *Friant
Ranch, L.P.*

Bryan N. Wagner
WAGNER & WAGNER
7110 N. Fresno St, Suite 340
Fresno, CA 93720

Attorney for Real Party in Interest
and Respondent *Friant Ranch,
L.P.*

Sara Hedgpeth-Harris
LAW OFFICE OF SARA
HEDGPETH-HARRIS
5445 E. Lane Avenue
Fresno, CA 93727

Attorney for Plaintiffs and
Appellants *Sierra Club, et al*

Daniel C. Cederborg
Bruce B. Johnson, Jr.
Zachary Stephen Redmond
OFFICE OF THE FRESNO COUNTY
COUNSEL
2220 Tulare Street, Suite 500
Fresno, CA 93721

Attorneys for Respondents
County of Fresno

Clerk of the Court
California Court of Appeal
Fifth Appellate District
2424 Ventura Street
Fresno, CA 93721
(via U.S. Mail & Electronic Transmission)

Clerk of the Court
Superior Court of California
County of Fresno
1130 O Street
Fresno, CA 93721

This page intentionally left blank

APPENDIX 9.2.2

MOBILE SOURCE HEALTH RISK ASSESSMENT



Menifee Commerce Center

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF MENIFEE

PREPARED BY:

Haseeb Qureshi
hqureshi@urbanxroads.com

Michael Tirohn
mtirohn@urbanxroads.com

JANUARY 19, 2022

TABLE OF CONTENTS

TABLE OF CONTENTS	I
APPENDICES	I
LIST OF EXHIBITS	II
LIST OF TABLES	II
LIST OF ABBREVIATED TERMS	III
EXECUTIVE SUMMARY	1
1 INTRODUCTION	6
1.1 Site Location.....	7
1.2 Project Description.....	7
2 BACKGROUND	11
2.1 Background on Recommended Methodology	11
2.2 Construction Health Risk Assessment.....	11
2.3 Operational Health Risk Assessment	16
2.3 Exposure Quantification	21
2.4 Carcinogenic Chemical Risk.....	23
2.5 Non-carcinogenic Exposures.....	24
2.6 Potential Project-Related DPM Source Cancer and Non-Cancer Risks.....	25
3 REFERENCES	29
4 CERTIFICATIONS	31

APPENDICES

APPENDIX 2.1: CALEEMOD OUTPUTS - CONSTRUCTION
APPENDIX 2.2: CALEEMOD OUTPUTS – SCENARIO 1 OPERATION
APPENDIX 2.3: CALEEMOD OUTPUTS – SCENARIO 2 OPERATION
APPENDIX 2.4: EMFAC EMISSIONS SUMMARY
APPENDIX 2.5: AERMOD MODEL INPUT/OUTPUT – CONSTRUCTION
APPENDIX 2.6: AERMOD MODEL INPUT/OUTPUT – SCENARIO 1 OPERATION
APPENDIX 2.7: AERMOD MODEL INPUT/OUTPUT – SCENARIO 2 OPERATION
APPENDIX 2.8: RISK CALCULATIONS

LIST OF EXHIBITS

EXHIBIT 1-A: LOCATION MAP8
EXHIBIT 1-B: SITE PLAN9
EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES (ONSITE).....14
EXHIBIT 2-B: MODELED CONSTRUCTION EMISSION SOURCES (OFFSITE).....15
EXHIBIT 2-C: MODELED ON-SITE EMISSION SOURCES18
EXHIBIT 2-D: MODELED OFF-SITE EMISSION SOURCES19
EXHIBIT 2-E: RECEPTOR LOCATIONS27

LIST OF TABLES

TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS4
TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS.....4
TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS5
TABLE 2-1: CONSTRUCTION DURATION.....12
TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS12
TABLE 2-3: 2024 WEIGHTED AVERAGE DPM EMISSIONS FACTORS17
TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (2024 ANALYSIS YEAR)20
TABLE 2-5: AERMOD MODEL PARAMETERS.....21
TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)..... 22
TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)..... 22
TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER).....23

LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Receptor
MEIW	Maximally Exposed Individual Worker
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PM10	Particulate Matter 10 microns in diameter or less
Project	Menifee Commerce Center
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

This page intentionally left blank

EXECUTIVE SUMMARY

This report evaluates the potential health risk impacts to sensitive receptors (which are residents) and adjacent workers associated with the development of the proposed Project, more specifically, health risk impacts as a result of exposure to Toxic Air Contaminants (TACs) including diesel particulate matter (DPM) as a result of heavy-duty diesel trucks accessing the site. This section summarizes the significance criteria and Project health risks.

The results of the health risk assessment from Project-generated DPM emissions are provided in Table ES-1, ES-2, and ES-3 below for the Project.

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R3 which is located approximately 26 feet north of the Project site at an existing residence located at 27625 Ethanac Road. R3 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction DPM source emissions is estimated at 5.87 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-E.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R3 which is located approximately 26 feet north of the Project site at an existing residence located at 27625 Ethanac Road. R3 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 3.15 in one million under Scenario 1, and 3.60 in one million under Scenario 2, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 for both scenarios, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest modeled receptors are illustrated on Exhibit 2-E.

Worker Exposure Scenario¹:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R9, which represents the adjacent potential worker receptor approximately 200 feet West of Building 1. At the MEIW, the maximum incremental cancer risk impact is 0.28 in one million for Scenario 1 and 0.30 for Scenario 2, which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-E.

School Child Exposure Scenario:

Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70-percent drop-off in particulate pollution levels at 500 feet. Based on California Air Resources Board (CARB) and SCAQMD emissions and modeling analyses, an 80-percent drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center (1).

The 1,000-foot evaluation distance is supported by research-based findings concerning Toxic Air Contaminant (TAC) emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

A one-quarter mile radius, or 1,320 feet, is commonly utilized for identifying sensitive receptors, such as schools, that may be impacted by a proposed project. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

There are no schools located within a ¼ mile of the Project site. The nearest school is Romoland Elementary School, which is located approximately 1,885 feet northeast of the Project site. Because there is no reasonable potential that TAC emissions would cause significant health impacts at distances of more than ¼ mile from the air pollution source, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R3. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 7.25 in one million

1 SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

for Scenario 1 and 7.46 in one million under Scenario 2, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 , which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-E.

TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
1, 2	2 Year Exposure	Maximum Exposed Sensitive Receptor	5.87	10	NO
Scenario	Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
1, 2	Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
1	30 Year Exposure	Maximum Exposed Sensitive Receptor	3.15	10	NO
	25 Year Exposure	Maximum Exposed Worker Receptor	0.28	10	NO
2	30 Year Exposure	Maximum Exposed Sensitive Receptor	3.60	10	NO
	25 Year Exposure	Maximum Exposed Worker Receptor	0.30	10	NO
Scenario	Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
1	Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO
	Annual Average	Maximum Exposed Worker Receptor	≤0.01	1.0	NO
2	Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO
	Annual Average	Maximum Exposed Worker Receptor	≤0.01	1.0	NO

TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
1	30 Year Exposure	Maximum Exposed Sensitive Receptor	7.25	10	NO
2	30 Year Exposure	Maximum Exposed Sensitive Receptor	7.46	10	NO
Scenario	Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
1	Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO
2	Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

1 INTRODUCTION

The South Coast Air Quality Management District (SCAQMD) typically issues a comment letter on the Notice of Preparation of a CEQA Document. Per the SCAQMD's typical comment letter, if a proposed Project is expected to generate/attract diesel trucks, which emit diesel particulate matter (DPM) or other Toxic Air Contaminants (TACs), preparation of a HRA is necessary. This document serves to meet the SCAQMD's request for preparation of a HRA. This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2) and is comprised of all relevant and appropriate procedures presented by the United States Environmental Protection Agency (U.S. EPA), California EPA and SCAQMD. Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of ten (10) persons per million as the maximum acceptable incremental cancer risk due to TAC exposure from a project such as the proposed Project. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulatively considerable impact.

The AQMD 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* (3). In this report the AQMD states (Page D-3):

"...the AQMD 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 toxic air contaminant (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."

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index less than one (1.0) means that adverse health effects are not expected. In this HRA, non-carcinogenic exposures of less than 1.0 are considered less-than-significant. Both the cancer risk and non-carcinogenic risk thresholds are applied to the nearest sensitive receptors below.

1.1 SITE LOCATION

The proposed project is located south of Ethanac Road between Trumble Road and Dawson Road in the City of Menifee. The Project location is shown on Exhibit 1-A. The Project Site is generally located east of the I-215 Freeway with the nearest residential uses located north and south of the Project site.

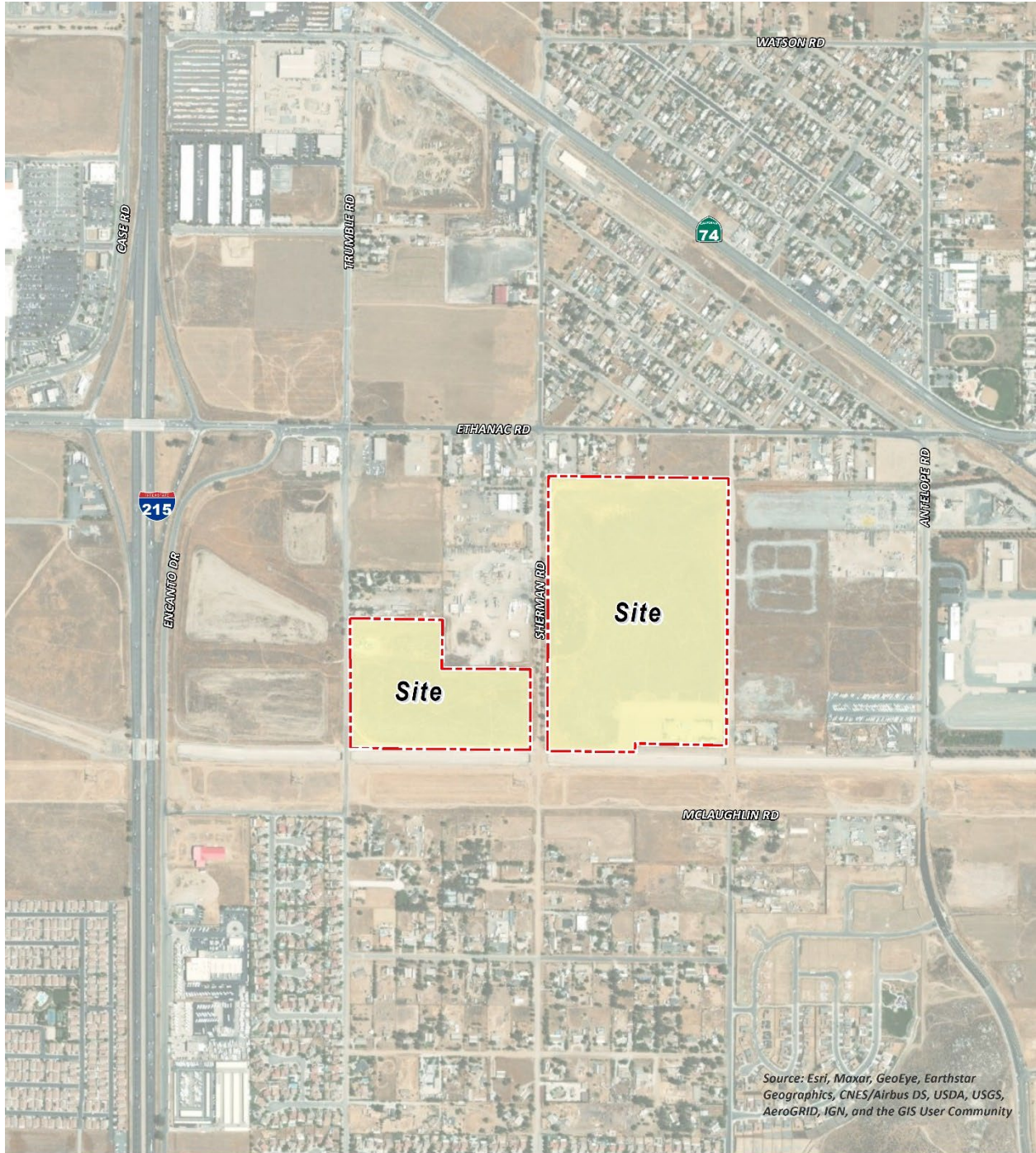
1.2 PROJECT DESCRIPTION

The proposed Project includes the development of two non-refrigerated warehouse buildings on approximately 72 acres. Building 1, located between Dawson Road and Sherman Road, will contain a total of 1,254,160 square feet (sf). Building 2, located between Sherman Road and Trumble Road, will contain a total of 385,970 sf. The Project site plan is shown on Exhibit 1-B. The Project is anticipated to be developed within a single phase with an Opening Year of 2024.

This report evaluates two project scenarios. Scenario 1 is based on trip rates presented in the *Menifee Commerce Center Project Traffic Impact Analysis (TIA)* prepared by Albert A. Webb Associates. Under Scenario 1, Building 1 is evaluated as high-cube fulfillment center warehouse space and Building 2 is evaluated as general warehousing space. Under Scenario 1, the Project would be expected to generate a total of approximately 8,749 vehicular trips per day, which includes 470 truck trips per day (4).

Scenario 2 is based on supplemental trip generation data provided by Albert A. Webb Associates and evaluates Building 1 as high-cube transload and short-term storage warehouse space and Building 2 as general warehousing space. Under Scenario 2, the Project would be expected to generate a total of approximately 2,429 vehicular trips per day, which includes 509 truck trips per day.

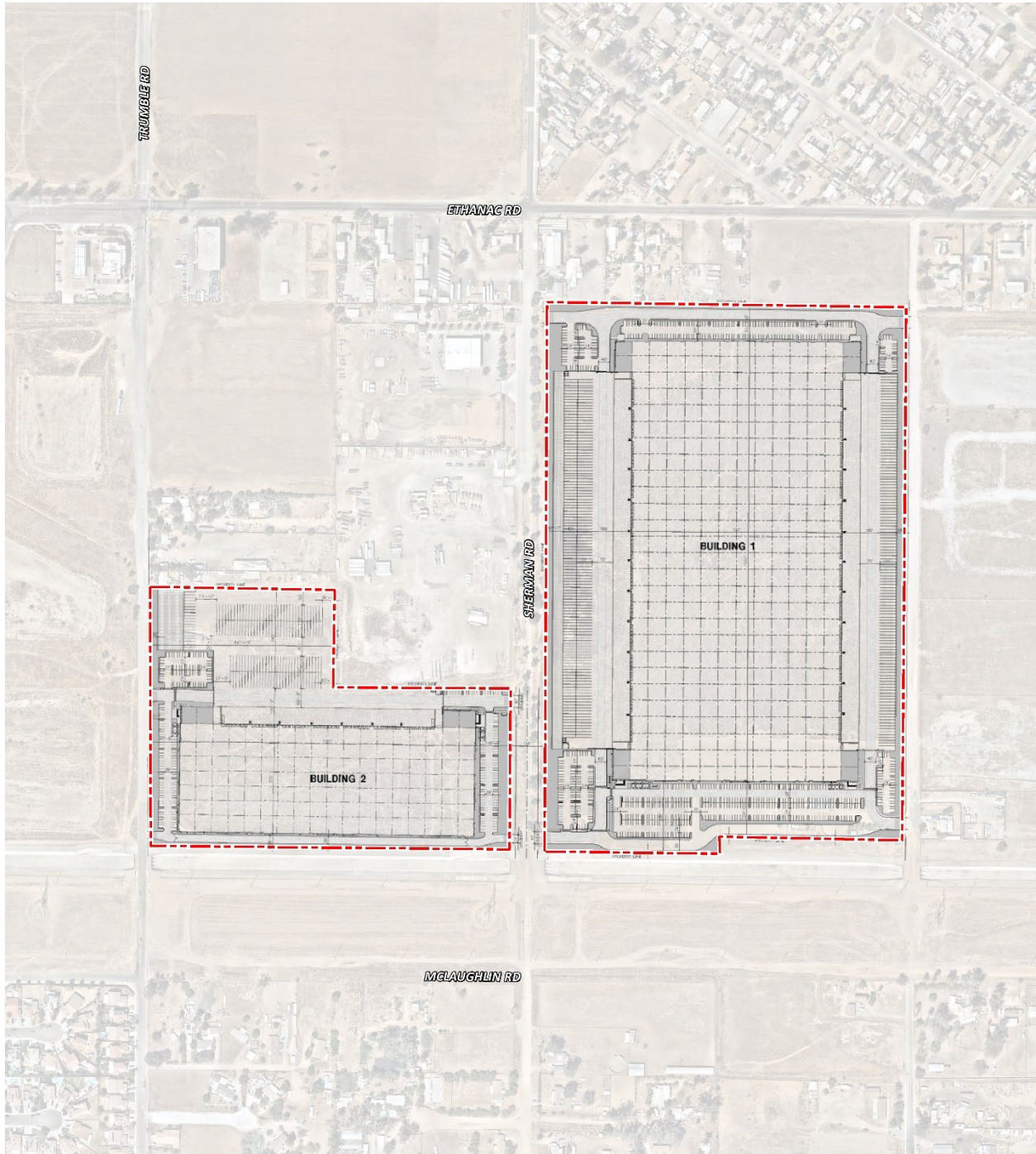
EXHIBIT 1-A: LOCATION MAP



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

N
LEGEND:  Site Boundary

EXHIBIT 1-B: SITE PLAN



LEGEND:  Site Boundary

This page intentionally left blank

2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on SCAQMD guidelines to produce conservative estimates of human health risk posed by exposure to DPM. The conservative nature of this analysis is due primarily to the following factors:

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per $\mu\text{g}/\text{m}^3$ is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body (95% higher than the average population).
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.² The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 EMISSIONS CALCULATIONS

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as presented in the *Menifee Commerce Center Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (5)

Construction related DPM emissions are expected to occur primarily as a function of heavy-duty construction equipment that would be operating on-site.

As discussed in the technical study, the Project would result in approximately 506 total working-days for construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A for onsite construction and Exhibit 2-B for offsite construction.

² Although the Project is required to comply with ARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions should be estimated for 15 minutes of truck idling (personal communication, in person, with Jillian Wong, December 22, 2016), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc.

TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition	01/01/2023	01/31/2023	22
Clear Site	02/01/2023	02/09/2023	7
Recompact	02/10/2023	03/02/2023	15
Recompact and Import	03/03/2023	05/22/2023	57
Fine Grading	05/23/2023	06/12/2023	15
Offsite Site Preparation	06/13/2023	07/24/2023	30
Building Construction	06/13/2023	06/10/2024	260
2 nd Move In	11/01/2023	11/28/2023	20
3 rd Move In	02/01/2024	03/27/2024	40
Offsite Paving	06/11/2024	08/26/2024	55
Paving	06/11/2024	09/09/2024	65
Architectural Coating	09/10/2024	12/09/2024	65

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Amount	Hours Per Day
Demolition	Concrete/Industrial Saws	1	8
	Excavators	3	8
	Rubber Tired Dozers	2	8
Clear Site	Rubber Tired Loaders	1	8
Recompact	Rubber Tired Dozers	1	8
	Scrapers	10	8
Recompact and Import	Rubber Tired Dozers	2	8
	Scrapers	10	8
	Sweepers/Scrubbers	1	8
Fine Grading	Graders	1	8
	Rubber Tired Dozers	1	8
	Scrapers	4	8
Offsite Site Preparation	Crawler Tractors	4	8
	Rubber Tired Dozers	3	8
Building Construction	Cranes	2	8
	Forklifts	6	8
	Generator Sets	2	8

Construction Activity	Equipment	Amount	Hours Per Day
	Tractors/Loaders/Backhoes	6	8
	Welders	2	8
2 nd Move In	Graders	1	8
	Rubber Tired Loaders	2	8
	Scrapers	1	8
3 rd Move In	Graders	1	8
	Rollers	1	8
	Rubber Tired Loaders	2	8
	Scrapers	1	8
Offsite Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Paving	Pavers	4	8
	Paving Equipment	4	8
	Rollers	4	8
Architectural Coating	Air Compressors	2	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES (ONSITE)

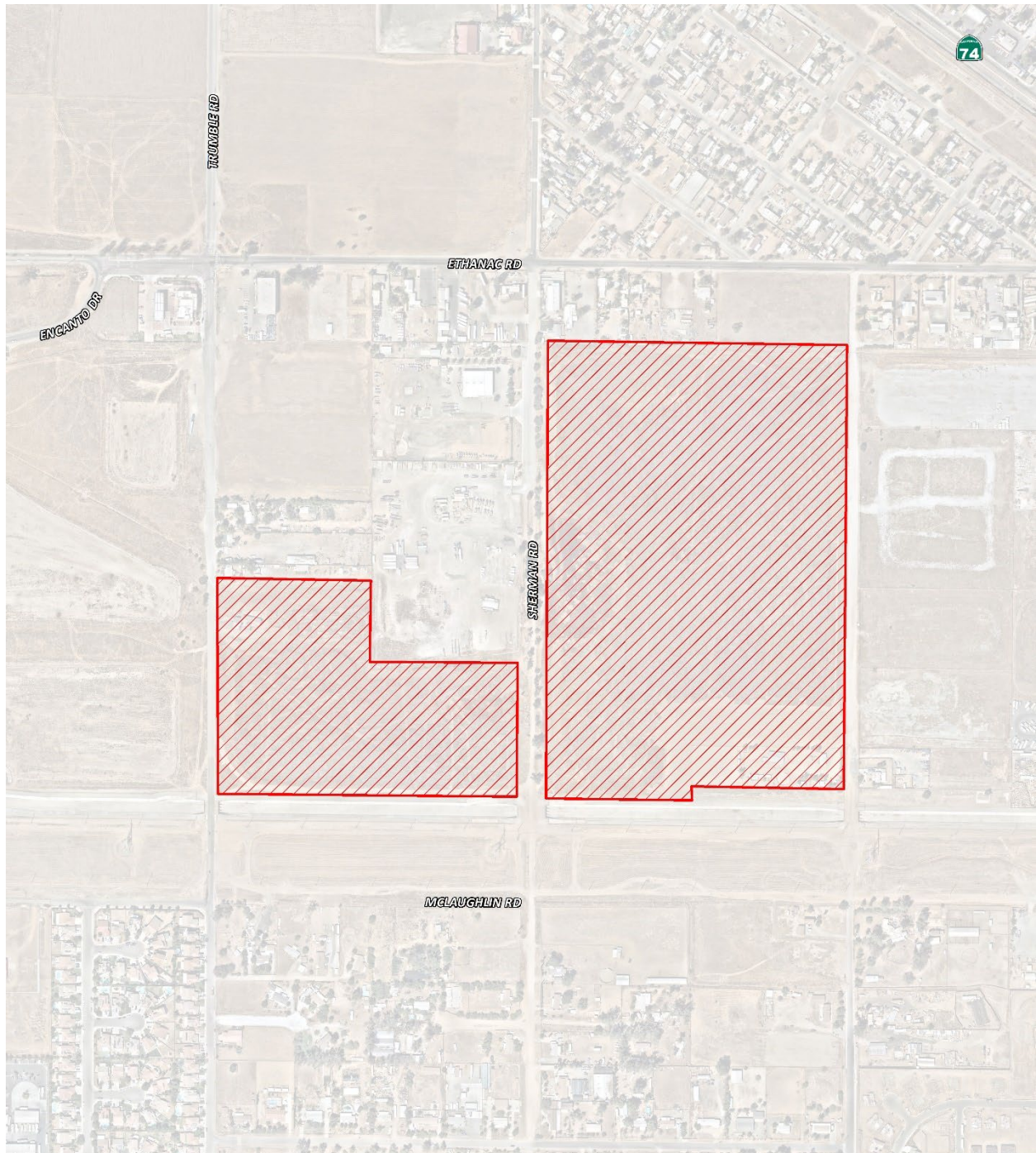
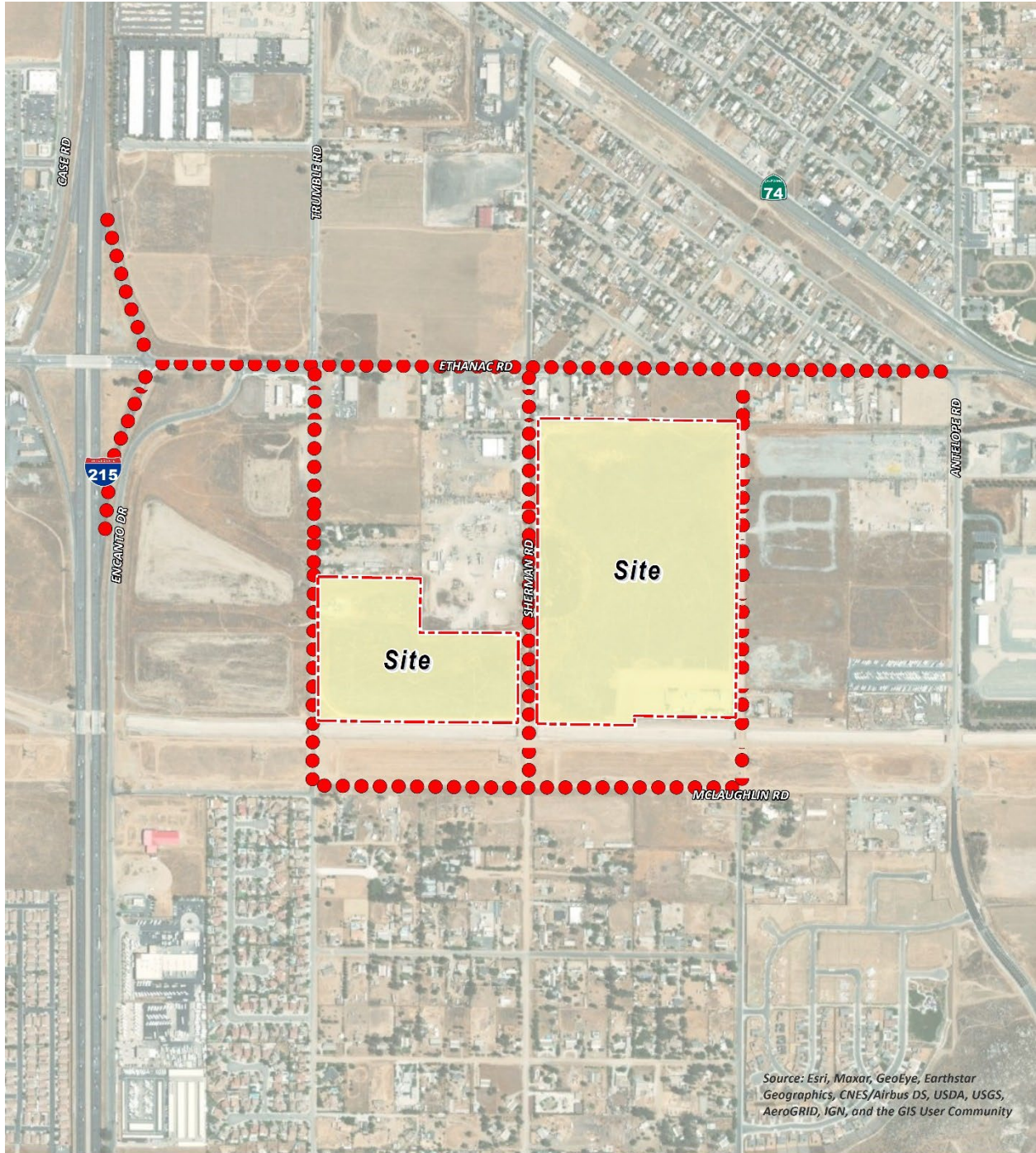


EXHIBIT 2-B: MODELED CONSTRUCTION EMISSION SOURCES (OFFSITE)



2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10 μ m in diameter (PM₁₀) generated with the 2017 version of the Emission FACTor model (EMFAC) developed by the CARB. EMFAC 2017 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (6). The most recent version of this model, EMFAC 2017, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

Several distinct emission processes are included in EMFAC 2017. Emission factors calculated using EMFAC 2017 are expressed in units of grams per vehicle miles traveled (g/VMT) or grams per idle-hour (g/idle-hr), depending on the emission process. The emission processes and corresponding emission factor units associated with diesel particulate exhaust for this Project are presented below.

For this Project, annual average PM₁₀ emission factors were generated by running EMFAC 2017 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

- Idling – on-site loading/unloading and truck gate
- 5 miles per hour – on-site vehicle movement including driving and maneuvering
- 25 miles per hour – off-site vehicle movement including driving and maneuvering.

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2024 EMFAC 2017 run was conducted and a static 2024 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2024 emission factors would overstate potential impacts since this approach assumes that emission factors remain “static” and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2024. Additionally, based on EMFAC 2017, Light-Heavy-Duty Trucks are comprised of 51.4% diesel, Medium-Heavy-Duty Trucks are comprised of 89.6% diesel, and Heavy-Heavy-Duty Trucks are comprised of 97.9% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (7):

$$\text{Emissions}_{\text{SpeedA}} \text{ (g/s)} = \text{EF}_{\text{RunExhaust}} \text{ (g/VMT)} * \text{Distance (VMT/trip)} * \text{Number of Trips (trips/day)} / \text{seconds per day}$$

Where:

$\text{Emissions}_{\text{SpeedA}}$ (g/s): Vehicle emissions at a given speed A;

$\text{EF}_{\text{RunExhaust}}$ (g/VMT): EMFAC running exhaust PM₁₀ emission factor at speed A;

Distance (VMT/trip): Total distance traveled per trip.

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM₁₀ emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (7):

$$\text{Emissions}_{\text{idle}} \text{ (g/s)} = \text{EF}_{\text{idle}} \text{ (g/hr)} * \text{Number of Trips (trips/day)} * \text{Idling Time (min/trip)} * 60 \text{ minutes per hour} / \text{seconds per day}$$

Where:

$\text{Emissions}_{\text{idle}}$ (g/s): Vehicle emissions during idling;

EF_{idle} (g/s): EMFAC idle exhaust PM₁₀ emission factor.

TABLE 2-3: 2024 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.08254 (g/idle-hr)
5	0.01491 (g/s)
25	0.00701 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Table 2-4. The modeled emission sources are illustrated on Exhibit 2-C for on-site sources and Exhibit 2-D for off-site sources. The modeling domain is limited to the Project’s primary truck route and includes off-site sources in the study area for more than ¼ mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (1) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

EXHIBIT 2-C: MODELED ON-SITE EMISSION SOURCES

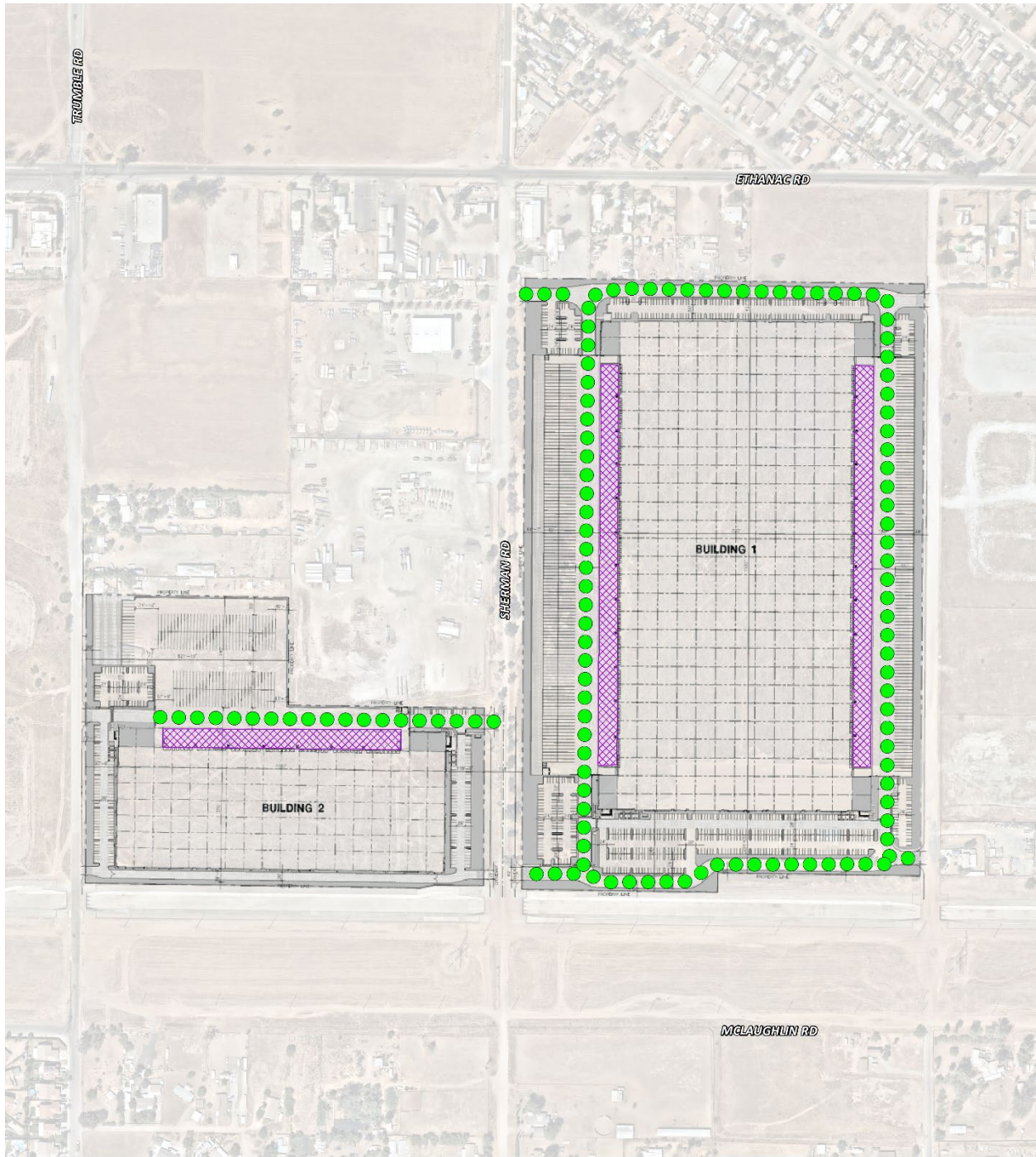


EXHIBIT 2-D: MODELED OFF-SITE EMISSION SOURCES

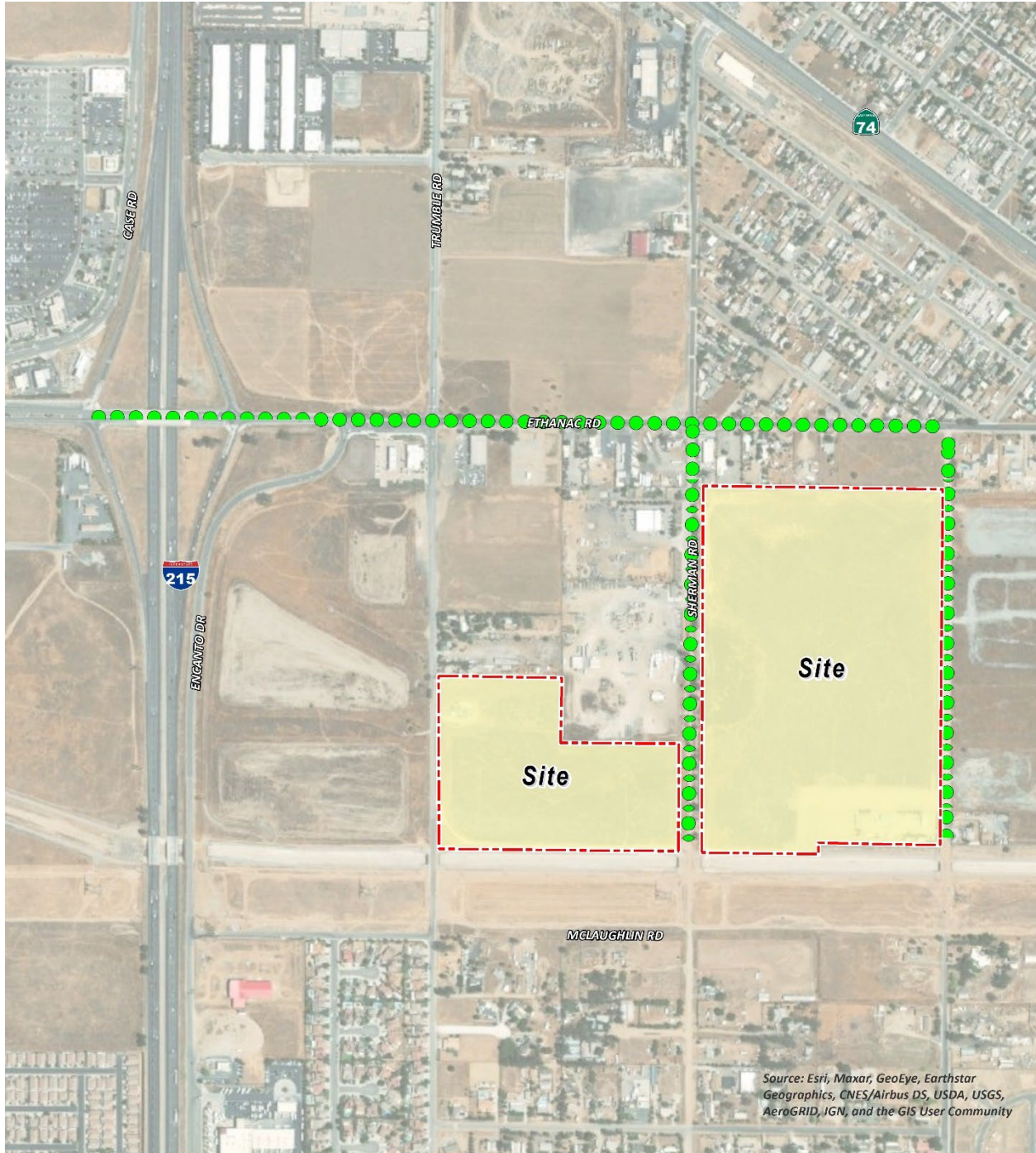


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (2024 ANALYSIS YEAR)

Truck Emission Rates - Scenario 1						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Building 1 West	119			0.0825	2.46	2.842E-05
On-Site Idling - Building 1 East	119			0.0825	2.46	2.842E-05
On-Site Idling - Building 2	232			0.0825	4.79	5.541E-05
On-Site Travel - Building 1 West	238	96.64	0.0149		1.44	1.667E-05
On-Site Travel - Building 1 East	238	123.04	0.0149		1.83	2.123E-05
On-Site Travel - Building 1 South	238	43.40	0.0149		0.65	7.489E-06
On-Site Travel - Building 2	232	46.23	0.0149		0.69	7.976E-06
Off-Site Travel Sherman Road South	79	7.04	0.0070		0.05	5.716E-07
Off-Site Travel Sherman Road Center	311	78.12	0.0070		0.55	6.339E-06
Off-Site Travel Sherman Road North	391	26.24	0.0070		0.18	2.129E-06
Off-Site Travel Dawson Road	79	31.14	0.0070		0.22	2.527E-06
Off-Site Travel Ethanac Road East	79	19.80	0.0070		0.14	1.606E-06
Off-Site Travel Ethanac Road West	470	273.32	0.0070		1.92	2.218E-05

^a Vehicle miles traveled are for modeled truck route only.
^b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.
^c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

Truck Emission Rates - Scenario 2						
Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Building 1 West	139			0.0822	2.84	3.292E-05
On-Site Idling - Building 1 East	139			0.0822	2.84	3.292E-05
On-Site Idling - Building 2	232			0.0822	4.77	5.515E-05
On-Site Travel - Building 1 West	277	112.48	0.0149		1.67	1.936E-05
On-Site Travel - Building 1 East	277	143.20	0.0149		2.13	2.465E-05
On-Site Travel - Building 1 South	277	50.52	0.0149		0.75	8.695E-06
On-Site Travel - Building 2	232	46.23	0.0149		0.69	7.957E-06
Off-Site Travel Sherman Road South	92	8.20	0.0070		0.06	6.640E-07
Off-Site Travel Sherman Road Center	324	81.38	0.0070		0.57	6.591E-06
Off-Site Travel Sherman Road North	417	27.99	0.0070		0.20	2.267E-06
Off-Site Travel Dawson Road	92	36.25	0.0070		0.25	2.936E-06
Off-Site Travel Ethanac Road East	92	23.04	0.0070		0.16	1.866E-06
Off-Site Travel Ethanac Road West	509	296.00	0.0070		2.07	2.397E-05

^a Vehicle miles traveled are for modeled truck route only.
^b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.
^c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project’s diesel-fueled truck and equipment operators will be required by State law to comply with CARB’s idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (8), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD’s recommendation.

As summarized in the *Menifee Commerce Center Project Traffic Impact Analysis* prepared by Albert A. Webb Associates, under Scenario 1 the Project is expected to generate a total of approximately 8,749 vehicular trips-ends per day (actual vehicles) which includes 470 two-way truck trips per day (4). Scenario 2 is based on supplemental trip generation prepared by Albert A. Webb Associates and assumes a total of approximately 2,429 vehicular trip-ends per day (actual vehicles) which includes 509 two-way truck trips per day.

2.3 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2). SCAQMD recommends using the Environmental Protection Agency’s (U.S. EPA’s) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 10.2.1) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA’s latest AERMOD Version 21112 (9).

The model offers additional flexibility by allowing the user to assign an initial release height and vertical dispersion parameters for mobile sources representative of a roadway. For this HRA, the roadways were modeled as adjacent volume sources. Roadways were modeled using the U.S. EPA’s haul route methodology for modeling of on-site and off-site truck movement. More specifically, the Haul Road Volume Source Calculator in Lakes AERMOD View has been utilized to determine the release height parameters. Based on the US EPA methodology, the Project’s modeled sources would result in a release height of 3.49 meters, and an initial lateral dimension of 4.0 meters, and an initial vertical dimension of 3.25 meters.

SCAQMD-recommended model parameters are presented in Table 2-5 (10). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD’s Perris Valley monitoring station (SRA 24) was used to represent local weather conditions and prevailing winds (11).

TABLE 2-5: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban (Population 2,189,641)
Terrain (Flat/Elevated)	Elevated (Regulatory Default)
Averaging Time	1 year (5-year Meteorological Data Set)
Receptor Height	0 meters (Regulatory Default)

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, each volume source location, and receptor locations in the Project site’s vicinity. The AERMOD dispersion model summary output files for the proposed Project are presented in Appendix 2.3. Modeled sensitive receptors were placed at residential and non-residential locations.

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace’s building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents and workers over a period of 30 or 25 years of exposure, respectively. Notwithstanding, as a conservative measure, receptors were placed at either the outdoor living area or the building façade, whichever is closer to the Project site.

For purposes of this HRA, receptors include both residential and non-residential (worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents and workers may be exposed at these locations over a long-term duration of 30 and 25 years, respectively. This methodology is consistent with SCAQMD and OEHHA recommended guidance.

Any impacts to residents or workers located further away from the Project site than the modeled residential and workers would have a lesser impact than what has already been disclosed in the HRA at the MEIR and MEIW because concentrations dissipate with distance.

Consistent with SCAQMD modeling guidance, all receptors were set to existing elevation height so that only ground-level concentrations are analyzed (12). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations (13).

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-7 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	2	0.85	345	8

TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL)

Age	Daily Breathing	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)

	Rate (L/kg-day)					
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1,090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER)

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year)	Exposure Time (hours/day)
16 to 41	230	1	25	250	12

2.4 CARCINOGENIC CHEMICAL RISK

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than 10 in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the proposed Project.

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time.

Guidance from CARB and the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day (mg/kg/day)⁻¹ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

$$DOSE_{air} = (C_{air} \times [BR/BW] \times A \times EF) \times (1 \times 10^{-6})$$

Where:

$$DOSE_{air} = \text{chronic daily intake (mg/kg/day)}$$

Cair	=	concentration of contaminant in air (ug/m3)
[BR/BW] BW-day)	=	daily breathing rate normalized to body weight (L/kg BW-day)
A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1 x 10 ⁻⁶	=	conversion factors (ug to mg, L to m3)

$$\text{RISK}_{\text{air}} = \text{DOSE}_{\text{air}} \times \text{CPF} \times \text{ED}/\text{AT}$$

Where:

DOSE _{air}	=	chronic daily intake (mg/kg/day)
CPF	=	cancer potency factor
ED	=	number of years within particular age group
AT	=	averaging time

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 µg/m³ (OEHHA Toxicity Criteria Database, <http://www.oehha.org/risk/chemicaldb/index.asp>).

The non-cancer hazard index was calculated (consistent with SCAQMD methodology) as follows:

The relationship for the non-cancer health effects of DPM is given by the following equation:

$$\text{HI}_{\text{DPM}} = \text{C}_{\text{DPM}}/\text{REL}_{\text{DPM}}$$

Where:

HI _{DPM}	=	Hazard Index; an expression of the potential for non-cancer health effects.
C _{DPM}	=	Annual average DPM concentration (µg/m ³).
REL _{DPM}	=	Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

For purposes of this analysis the hazard index for the respiratory endpoint totaled less than one for all receptors in the project vicinity, and thus is less than significant.

2.6 POTENTIAL PROJECT-RELATED DPM SOURCE CANCER AND NON-CANCER RISKS

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R3 which is located approximately 26 feet north of the Project site at an existing residence located at 27625 Ethanac Road. R3 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction DPM source emissions is estimated at 5.87 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-E.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R3 which is located approximately 26 feet north of the Project site at an existing residence located at 27625 Ethanac Road. R3 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 3.15 in one million under Scenario 1, and 3.60 in one million under Scenario 2, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 for both scenarios, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site and primary truck route than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest modeled receptors are illustrated on Exhibit 2-E.

Worker Exposure Scenario³:

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R9, which represents the adjacent potential worker receptor approximately 200 feet West of Building 1. At the MEIR, the maximum incremental cancer risk impact is 0.28 in one million for Scenario 1 and 0.30 for Scenario 2, which is less than the SCAQMD's threshold

³ SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The nearest modeled receptors are illustrated on Exhibit 2-E.

School Child Exposure Scenario:

Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70-percent drop-off in particulate pollution levels at 500 feet. Based on California Air Resources Board (CARB) and SCAQMD emissions and modeling analyses, an 80-percent drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center (1).

The 1,000-foot evaluation distance is supported by research-based findings concerning Toxic Air Contaminant (TAC) emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

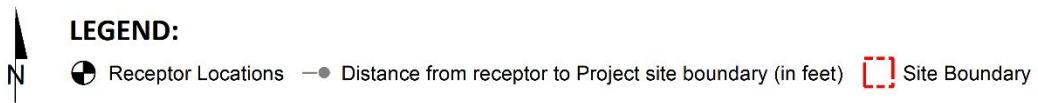
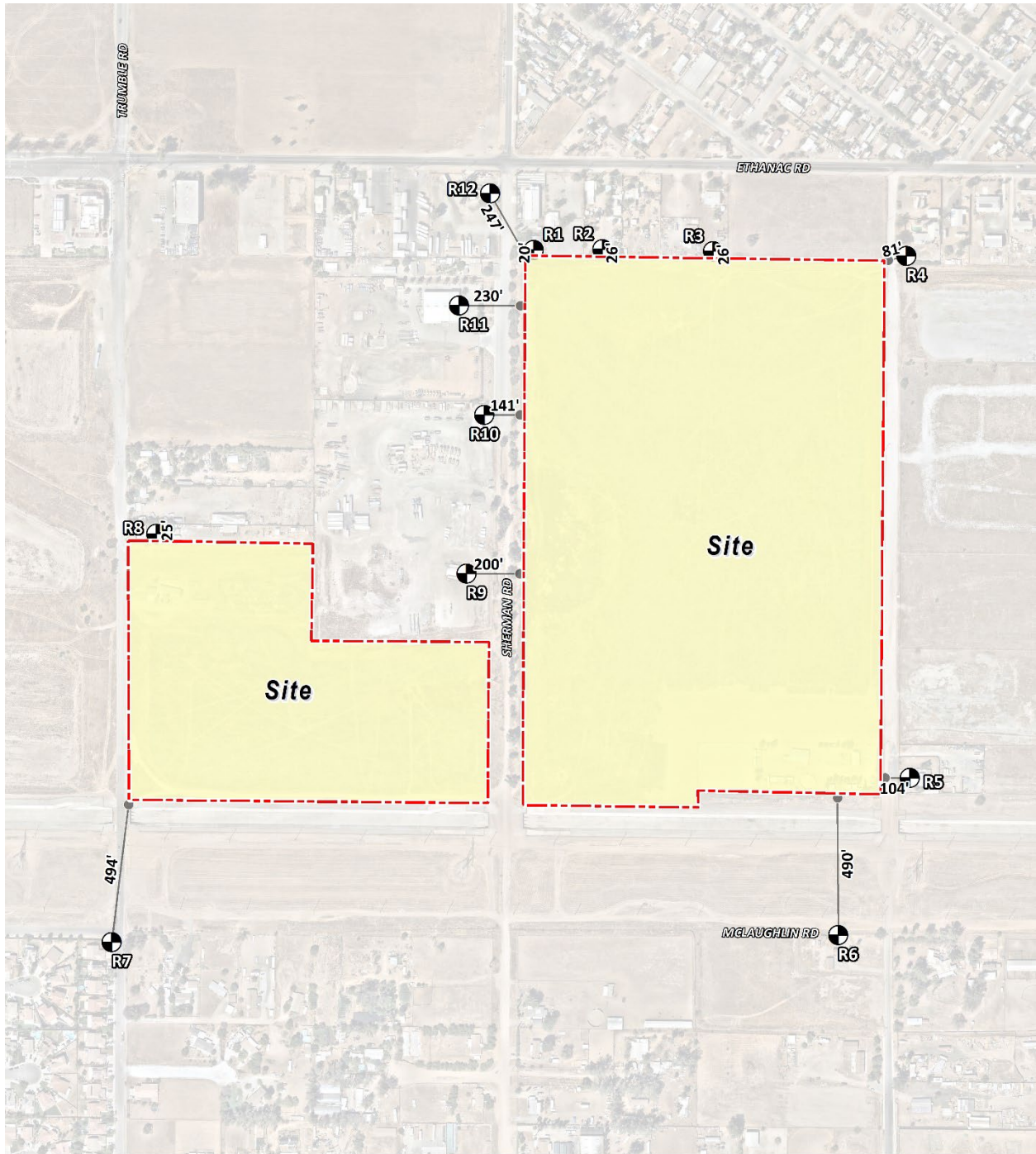
A one-quarter mile radius, or 1,320 feet, is commonly utilized for identifying sensitive receptors, such as schools, that may be impacted by a proposed project. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

There are no schools located within a ¼ mile of the Project site. The nearest school is Romoland Elementary School, which is located approximately 1,885 feet northeast of the Project site. Because there is no reasonable potential that TAC emissions would cause significant health impacts at distances of more than ¼ mile from the air pollution source, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R3. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 7.25 in one million for Scenario 1 and 7.46 in one million under Scenario 2, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-E.

EXHIBIT 2-E: RECEPTOR LOCATIONS



This page intentionally left blank

3 REFERENCES

1. **Air Resources Board.** *Air Quality and Land Use Handbook: A Community Health Perspective.* 2005.
2. **South Coast Air Quality Management District.** Mobile Source Toxics Analysis. [Online] 2003. http://www.aqmd.gov/ceqa/handbook/mobile_toxic/mobile_toxic.html.
3. **Goss, Tracy A and Kroeger, Amy.** White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution. [Online] South Coast Air Quality Management District, 2003. [Cited: June 6, 2019.] <http://www.aqmd.gov/docs/default-source/Agendas/Environmental-Justice/cumulative-impacts-working-group/cumulative-impacts-white-paper.pdf?sfvrsn=2>.
4. **Albert A. Webb Associates.** *Menifee Commerce Center Project Traffic Impact Analysis.* 2021.
5. **Urban Crossroads, Inc.** *Menifee Commerce Center Air Quality Impact Analysis.* 2022.
6. **California Air Resources Board.** EMFAC 2017. [Online] <https://www.arb.ca.gov/emfac/2017/>.
7. **California Department of Transportation.** EMFAC Software. [Online] <http://www.dot.ca.gov/hq/env/air/pages/emfac.htm>.
8. **Wong, Jillian.** *Planning, Rule Development & Area Sources.* December 22, 2016.
9. **Environmental Protection Agency.** User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] 2019. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
10. —. User's Guide for the AMS/EPA Regulatory Model (AERMOD). [Online] April 2018. https://www3.epa.gov/ttn/scram/models/aermod/aermod_userguide.pdf.
11. **South Coast Air Quality Management District.** Data for AERMOD. [Online] [Cited: December 16, 2021.] <https://www.aqmd.gov/home/air-quality/air-quality-data-studies/meteorological-data/data-for-aermod>.
12. —. South Coast AQMD Modeling Guidance for AERMOD. [Online] [Cited: September 18, 2019.] <http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance>.
13. **Environmental Protection Agency.** User's Guide for the AERMOD Terrain Preprocessor (AERMAP). [Online] 2018. https://gaftp.epa.gov/Air/aqmg/SCRAM/models/related/aermap/aermap_userguide_v18081.pdf.

This page intentionally left blank

4 CERTIFICATIONS

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed Menifee Commerce Center Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

Haseeb Qureshi
Associate Principal
URBAN CROSSROADS, INC.
(949) 660-1994
hqureshi@urbanxroads.com

EDUCATION

Master of Science in Environmental Studies
California State University, Fullerton • May 2010

Bachelor of Arts in Environmental Analysis and Design
University of California, Irvine • June 2006

PROFESSIONAL AFFILIATIONS

AEP – Association of Environmental Planners
AWMA – Air and Waste Management Association
ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013
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 – California Air Resources Board • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
Air Dispersion Modeling – Lakes Environmental • June 2006

This page intentionally left blank

APPENDIX 2.1:

CALEEMOD OUTPUTS - CONSTRUCTION

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Unmitigated
Riverside-South Coast County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Per Rule 1113

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	12.2787	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	124.7519	68.0261	100.5768	0.3144	23.4896	2.2554	25.7451	5.4708	2.1057	7.5765	0.0000	31,952.06 66	31,952.06 66	2.9989	1.6764	32,526.61 92
Maximum	124.7519	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.8366	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	124.4283	66.6444	113.5150	0.3144	20.2551	2.6900	22.9451	5.1216	2.6784	7.8000	0.0000	31,952.06 65	31,952.06 65	2.9989	1.6764	32,526.61 92
Maximum	124.4283	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.48	24.67	-9.69	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.27 10	22,404.27 10	0.3178	3.5303	23,464.25 50
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.31 80	22,736.31 80	0.3254	3.5381	23,798.79 86

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.46 58	16,601.46 58	5.3693		16,735.69 70
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.46 58	16,601.46 58	5.3693		16,735.69 70

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.27 10	22,404.27 10	0.3178	3.5303	23,464.25 50
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.31 80	22,736.31 80	0.3254	3.5381	23,798.79 86

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.992 4	4,000.992 4	1.2940		4,033.342 5
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.992 4	4,000.992 4	1.2940		4,033.342 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	123.8526	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	123.5291	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Construction Unmitigated

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Construction schedule based on Project-specific data.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment -
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment -

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Per Rule 1113

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.9295	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	124.6980	69.1450	92.2257	0.3027	23.4896	2.2559	25.7455	5.4708	2.1061	7.5770	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	124.6980	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.4873	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	124.3745	67.7633	105.1639	0.3027	20.2551	2.6905	22.9456	5.1216	2.6789	7.8005	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	124.3745	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	3.49	24.27	-10.56	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.30 91	22,439.30 91	0.3145	3.5359	23,500.86 32
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.17 35	22,740.17 35	0.3221	3.5438	23,804.27 77

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.3091	22,439.3091	0.3145	3.5359	23,500.8632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.1735	22,740.1735	0.3221	3.5438	23,804.2777

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.992 4	4,000.992 4	1.2940		4,033.342 5
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.992 4	4,000.992 4	1.2940		4,033.342 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	123.8526	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	123.3706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	123.5291	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Unmitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Mitigated
Riverside-South Coast County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Construction schedule based on Project-specific data.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment -

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Project will utilize super-compliant architectural coatings.

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	12.2787	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	31.1887	68.0261	100.5768	0.3144	23.4896	2.2554	25.7451	5.4708	2.1057	7.5765	0.0000	31,952.06 66	31,952.06 66	2.9989	1.6764	32,526.61 92
Maximum	31.1887	136.9975	109.7637	0.3845	41.6119	4.4605	45.2314	15.4164	4.1205	18.7811	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.8366	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57
2024	30.8652	66.6444	113.5150	0.3144	20.2551	2.6900	22.9451	5.1216	2.6784	7.8000	0.0000	31,952.06 65	31,952.06 65	2.9989	1.6764	32,526.61 92
Maximum	30.8652	87.7907	117.2089	0.3845	27.3569	3.0871	30.4440	9.0094	3.0751	12.0845	0.0000	39,337.78 38	39,337.78 38	5.6946	3.5381	40,534.49 57

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	10.96	24.67	-9.69	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.8800e-003	0.1770	0.0487	9.7000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0400e-003	0.0106		104.0229	104.0229	1.4800e-003	0.0164	108.9444
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0587	0.2109	0.5990	2.4400e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7600e-003	0.0557		254.9533	254.9533	4.9300e-003	0.0199	261.0096

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131
Total	0.0110	6.7700e-003	0.1101	2.9000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		30.1861	30.1861	6.9000e-004	7.0000e-004	30.4131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552
Total	0.1023	0.0632	1.0272	2.7500e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		281.7368	281.7368	6.4300e-003	6.5700e-003	283.8552

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.27 10	22,404.27 10	0.3178	3.5303	23,464.25 50
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.31 80	22,736.31 80	0.3254	3.5381	23,798.79 86

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.46 58	16,601.46 58	5.3693		16,735.69 70
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.46 58	16,601.46 58	5.3693		16,735.69 70

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8355	38.1288	10.4849	0.2098	6.6823	0.4602	7.1425	1.8320	0.4403	2.2723		22,404.27 10	22,404.27 10	0.3178	3.5303	23,464.25 50
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1206	0.0745	1.2106	3.2400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		332.0470	332.0470	7.5800e-003	7.7400e-003	334.5436
Total	0.9561	38.2033	11.6955	0.2130	7.0512	0.4619	7.5131	1.9298	0.4419	2.3717		22,736.31 80	22,736.31 80	0.3254	3.5381	23,798.79 86

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653
Total	0.0548	0.0339	0.5503	1.4700e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		150.9305	150.9305	3.4500e-003	3.5200e-003	152.0653

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783
Total	0.0658	0.0406	0.6603	1.7700e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		181.1165	181.1165	4.1400e-003	4.2200e-003	182.4783

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5805	16.8254	6.9279	0.0900	3.2986	0.1465	3.4451	0.9498	0.1402	1.0899		9,541.4566	9,541.4566	0.0973	1.4099	9,964.0516
Worker	4.8190	2.9778	48.3886	0.1297	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		13,271.8177	13,271.8177	0.3030	0.3094	13,371.6054
Total	5.3995	19.8032	55.3165	0.2197	18.0419	0.2157	18.2576	4.8598	0.2039	5.0636		22,813.2743	22,813.2743	0.4003	1.7194	23,335.6570

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5714	16.8267	6.8485	0.0886	3.2985	0.1456	3.4441	0.9497	0.1392	1.0890		9,394.4023	9,394.4023	0.1007	1.3861	9,809.9840
Worker	4.4928	2.6537	45.3091	0.1256	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		12,951.5968	12,951.5968	0.2744	0.2875	13,044.1287
Total	5.0641	19.4805	52.1576	0.2141	18.0418	0.2117	18.2535	4.8597	0.2001	5.0598		22,345.9992	22,345.9992	0.3752	1.6736	22,854.1128

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768
Total	0.0365	0.0226	0.3669	9.8000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		100.6203	100.6203	2.3000e-003	2.3500e-003	101.3768

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.992 4	4,000.992 4	1.2940		4,033.342 5
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.992 4	4,000.992 4	1.2940		4,033.342 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623
Total	0.0443	0.0262	0.4466	1.2400e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		127.6503	127.6503	2.7000e-003	2.8300e-003	128.5623

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411
Total	0.0511	0.0302	0.5153	1.4300e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		147.2888	147.2888	3.1200e-003	3.2700e-003	148.3411

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822
Total	0.1022	0.0604	1.0305	2.8600e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		294.5776	294.5776	6.2400e-003	6.5400e-003	296.6822

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	30.2895	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	29.9660	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036
Total	0.8992	0.5312	9.0687	0.0251	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,592.2832	2,592.2832	0.0549	0.0575	2,610.8036

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

**14616 Menifee Commerce Construction Mitigated
Riverside-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Construction schedule based on Project-specific data.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment -
- Off-road Equipment - Equipment based on data provided by Project team.
- Off-road Equipment -

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-road Equipment -

Off-road Equipment - In order to account for fugitive dust emissions, crawler tractors were used in lieu of tractors/loaders/backhoes.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Off-road Equipment - Equipment based on data provided by Project team.

Trips and VMT -

Demolition - Equipment based on data provided by Project team.

Grading - Assumes 5 acres will be graded per day.

Architectural Coating - Project will utilize super-compliant architectural coatings.

Vehicle Trips - Construction only

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Consumer Products - Construction only

Area Coating - Construction only

Energy Use - Construction only

Water And Wastewater - Construction only

Solid Waste - Construction only

Construction Off-road Equipment Mitigation - Project will utilize Tier 3 construction equipment

Mobile Commute Mitigation -

Area Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	10.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	10.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	1,110.00	260.00
tblConstructionPhase	NumDays	70.00	22.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	57.00
tblConstructionPhase	NumDays	110.00	15.00
tblConstructionPhase	NumDays	110.00	20.00
tblConstructionPhase	NumDays	110.00	40.00
tblConstructionPhase	NumDays	75.00	55.00
tblConstructionPhase	NumDays	75.00	65.00
tblConstructionPhase	NumDays	40.00	7.00
tblConstructionPhase	NumDays	40.00	30.00
tblConsumerProducts	ROG_EF	1.98E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.17	0.00
tblEnergyUse	NT24E	0.82	0.00
tblEnergyUse	NT24NG	0.03	0.00
tblEnergyUse	T24E	0.33	0.00
tblEnergyUse	T24NG	1.98	0.00
tblGrading	AcresOfGrading	157.50	75.00
tblGrading	AcresOfGrading	627.00	285.00
tblGrading	AcresOfGrading	30.00	100.00
tblGrading	AcresOfGrading	60.00	200.00
tblGrading	AcresOfGrading	105.00	150.00
tblGrading	MaterialImported	0.00	174,100.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	HorsePower	247.00	158.00
tblOffRoadEquipment	HorsePower	367.00	187.00
tblOffRoadEquipment	HorsePower	212.00	97.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	HorsePower	203.00	247.00
tblOffRoadEquipment	LoadFactor	0.40	0.38
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblSolidWaste	SolidWasteGenerationRate	1,541.72	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	1.74	0.00
tblWater	IndoorWaterUseRate	379,280,062.50	0.00

2.0 Emissions Summary

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.9295	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	31.1349	69.1450	92.2257	0.3027	23.4896	2.2559	25.7455	5.4708	2.1061	7.5770	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	31.1349	139.2722	100.7766	0.3845	41.6119	4.4611	45.2319	15.4164	4.1211	18.7816	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	7.4873	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47
2024	30.8114	67.7633	105.1639	0.3027	20.2551	2.6905	22.9456	5.1216	2.6789	7.8005	0.0000	30,749.47 92	30,749.47 92	2.9966	1.6878	31,327.34 55
Maximum	30.8114	90.0655	108.2218	0.3845	27.3569	3.0876	30.4445	9.0094	3.0756	12.0850	0.0000	39,341.63 93	39,341.63 93	5.6913	3.5438	40,539.97 47

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	11.07	24.27	-10.56	0.00	26.86	13.98	24.78	32.35	7.59	24.56	0.00	0.00	0.00	0.00	0.00	0.00

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0158	1.5500e-003	0.1707	1.0000e-005	0.0000	6.1000e-004	6.1000e-004	0.0000	6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004	0.0000	0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	1/31/2023	5	22	
2	Clear Site	Site Preparation	2/1/2023	2/9/2023	5	7	
3	Recompact	Grading	2/10/2023	3/2/2023	5	15	
4	Recompact and Import	Grading	3/3/2023	5/22/2023	5	57	
5	Fine Grade	Grading	5/23/2023	6/12/2023	5	15	
6	Offsite Site Prep	Site Preparation	6/13/2023	7/24/2023	5	30	
7	Building Construction	Building Construction	6/13/2023	6/10/2024	5	260	
8	2nd Move In	Grading	11/1/2023	11/28/2023	5	20	
9	3rd Move In	Grading	2/1/2024	3/27/2024	5	40	
10	Offsite Paving	Paving	6/11/2024	8/26/2024	5	55	
11	Paving	Paving	6/11/2024	9/9/2024	5	65	
12	Architectural Coating	Architectural Coating	9/10/2024	12/9/2024	5	65	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,460,195; Non-Residential Outdoor: 820,065; Striped Parking Area: 89,986 (Architectural Coating – sqft)

OffRoad Equipment

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Clear Site	Rubber Tired Loaders	1	8.00	247	0.40
Recompact and Import	Rubber Tired Dozers	2	8.00	247	0.40
Recompact and Import	Scrapers	10	8.00	367	0.48
Recompact and Import	Sweepers/Scrubbers	1	8.00	64	0.46
Fine Grade	Graders	1	8.00	187	0.41
Fine Grade	Rubber Tired Dozers	1	8.00	247	0.40
Fine Grade	Scrapers	4	8.00	367	0.48
Offsite Site Prep	Crawler Tractors	4	8.00	97	0.37
Offsite Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Forklifts	6	8.00	89	0.20
Building Construction	Generator Sets	2	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	6	8.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
2nd Move In	Graders	1	8.00	187	0.41
2nd Move In	Rubber Tired Loaders	2	8.00	203	0.36
2nd Move In	Scrapers	1	8.00	367	0.48
3rd Move In	Graders	1	8.00	187	0.41
3rd Move In	Rollers	1	8.00	80	0.38
3rd Move In	Rubber Tired Loaders	2	8.00	247	0.40
3rd Move In	Scrapers	1	8.00	367	0.48
Offsite Paving	Pavers	2	8.00	130	0.42
Offsite Paving	Paving Equipment	2	8.00	132	0.36
Offsite Paving	Rollers	2	8.00	80	0.38
Paving	Pavers	4	8.00	130	0.42

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Paving	Paving Equipment	4	8.00	132	0.36
Paving	Rollers	4	8.00	80	0.38
Architectural Coating	Air Compressors	2	8.00	78	0.48
Recompact	Rubber Tired Dozers	1	8.00	158	0.38
Recompact	Scrapers	10	8.00	187	0.41

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	39.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Clear Site	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact and Import	13	33.00	0.00	21,763.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Fine Grade	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Site Prep	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	18	1,319.00	515.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
2nd Move In	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
3rd Move In	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Offsite Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	2	264.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Recompact	11	28.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3842	0.0000	0.3842	0.0582	0.0000	0.0582			0.0000			0.0000
Off-Road	2.2691	21.4844	19.6434	0.0388		0.9975	0.9975		0.9280	0.9280		3,746.9840	3,746.9840	1.0494		3,773.2183
Total	2.2691	21.4844	19.6434	0.0388	0.3842	0.9975	1.3817	0.0582	0.9280	0.9862		3,746.9840	3,746.9840	1.0494		3,773.2183

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1498	0.0000	0.1498	0.0227	0.0000	0.0227			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183
Total	0.9246	18.3130	24.6739	0.0388	0.1498	0.8627	1.0126	0.0227	0.8627	0.8854	0.0000	3,746.9840	3,746.9840	1.0494		3,773.2183

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	3.5700e-003	0.1876	0.0497	9.8000e-004	0.0310	2.1400e-003	0.0332	8.5100e-003	2.0500e-003	0.0106		104.1856	104.1856	1.4600e-003	0.0164	109.1143
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0549	0.2227	0.4966	2.3200e-003	0.1987	2.9300e-003	0.2016	0.0530	2.7700e-003	0.0557		240.9421	240.9421	4.8900e-003	0.0200	247.0300

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3657	3.5890	2.0411	8.4600e-003		0.1202	0.1202		0.1106	0.1106		818.6842	818.6842	0.2648		825.3037
Total	0.3657	3.5890	2.0411	8.4600e-003	0.0000	0.1202	0.1202	0.0000	0.1106	0.1106		818.6842	818.6842	0.2648		825.3037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Clear Site - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2091	4.0427	4.5306	8.4600e-003		0.1533	0.1533		0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037
Total	0.2091	4.0427	4.5306	8.4600e-003	0.0000	0.1533	0.1533	0.0000	0.1533	0.1533	0.0000	818.6842	818.6842	0.2648		825.3037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831
Total	0.0103	7.0300e-003	0.0894	2.7000e-004	0.0335	1.6000e-004	0.0337	8.8900e-003	1.4000e-004	9.0400e-003		27.3513	27.3513	6.9000e-004	7.2000e-004	27.5831

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.9148	50.3941	26.6840	0.0707		2.2824	2.2824		2.0998	2.0998		6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	4.9148	50.3941	26.6840	0.0707	11.3246	2.2824	13.6070	3.8828	2.0998	5.9826		6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Recompect - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.2089	19.9004	39.0759	0.0707		0.2268	0.2268		0.2268	0.2268	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6
Total	1.2089	19.9004	39.0759	0.0707	4.4166	0.2268	4.6434	1.5143	0.2268	1.7411	0.0000	6,851.340 1	6,851.340 1	2.2159		6,906.736 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426
Total	0.0959	0.0656	0.8341	2.4900e-003	0.3130	1.4700e-003	0.3144	0.0830	1.3500e-003	0.0844		255.2789	255.2789	6.4100e-003	6.7200e-003	257.4426

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					17.7335	0.0000	17.7335	7.2516	0.0000	7.2516			0.0000			0.0000
Off-Road	9.4190	98.7942	69.5014	0.1715		3.9985	3.9985		3.6787	3.6787		16,601.46 58	16,601.46 58	5.3693		16,735.69 71
Total	9.4190	98.7942	69.5014	0.1715	17.7335	3.9985	21.7320	7.2516	3.6787	10.9302		16,601.46 58	16,601.46 58	5.3693		16,735.69 71

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.30 91	22,439.30 91	0.3145	3.5359	23,500.86 32
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.17 35	22,740.17 35	0.3221	3.5438	23,804.27 77

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Recompact and Import - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.9161	0.0000	6.9161	2.8281	0.0000	2.8281			0.0000			0.0000
Off-Road	2.9661	49.5875	91.7625	0.1715		0.6549	0.6549		0.6549	0.6549	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970
Total	2.9661	49.5875	91.7625	0.1715	6.9161	0.6549	7.5710	2.8281	0.6549	3.4830	0.0000	16,601.4658	16,601.4658	5.3693		16,735.6970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7680	40.4007	10.7057	0.2101	6.6823	0.4608	7.1432	1.8320	0.4409	2.2729		22,439.3091	22,439.3091	0.3145	3.5359	23,500.8632
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1130	0.0773	0.9831	2.9400e-003	0.3689	1.7300e-003	0.3706	0.0978	1.5900e-003	0.0994		300.8644	300.8644	7.5600e-003	7.9200e-003	303.4145
Total	0.8810	40.4780	11.6887	0.2131	7.0512	0.4626	7.5137	1.9298	0.4425	2.3723		22,740.1735	22,740.1735	0.3221	3.5438	23,804.2777

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					11.3246	0.0000	11.3246	3.8828	0.0000	3.8828			0.0000			0.0000
Off-Road	4.2152	44.9138	29.3470	0.0759		1.7708	1.7708		1.6292	1.6292		7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	4.2152	44.9138	29.3470	0.0759	11.3246	1.7708	13.0954	3.8828	1.6292	5.5119		7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Fine Grade - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.4166	0.0000	4.4166	1.5143	0.0000	1.5143			0.0000			0.0000
Off-Road	1.3656	23.2116	40.3585	0.0759		0.3718	0.3718		0.3718	0.3718	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4
Total	1.3656	23.2116	40.3585	0.0759	4.4166	0.3718	4.7884	1.5143	0.3718	1.8860	0.0000	7,348.371 1	7,348.371 1	2.3766		7,407.786 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157
Total	0.0514	0.0351	0.4468	1.3400e-003	0.1677	7.9000e-004	0.1685	0.0445	7.2000e-004	0.0452		136.7566	136.7566	3.4300e-003	3.6000e-003	137.9157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					23.3688	0.0000	23.3688	10.5032	0.0000	10.5032			0.0000			0.0000
Off-Road	3.4666	33.4389	19.1668	0.0380		1.9067	1.9067		1.7542	1.7542		3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	3.4666	33.4389	19.1668	0.0380	23.3688	1.9067	25.2755	10.5032	1.7542	12.2574		3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Offsite Site Prep - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1138	0.0000	9.1138	4.0963	0.0000	4.0963			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4
Total	0.9312	19.0656	22.9600	0.0380	9.1138	0.9462	10.0600	4.0963	0.9462	5.0424	0.0000	3,686.616 2	3,686.616 2	1.1923		3,716.424 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988
Total	0.0616	0.0422	0.5362	1.6000e-003	0.2012	9.4000e-004	0.2021	0.0534	8.7000e-004	0.0542		164.1079	164.1079	4.1200e-003	4.3200e-003	165.4988

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577
Total	3.3469	30.8754	34.6201	0.0577		1.4962	1.4962		1.4058	1.4058		5,476.3070	5,476.3070	1.3340		5,509.6577

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,476.3070	5,476.3070	1.3340		5,509.6577

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5376	17.8437	7.1611	0.0902	3.2986	0.1471	3.4456	0.9498	0.1407	1.0904		9,565.1362	9,565.1362	0.0954	1.4146	9,989.0823
Worker	4.5168	3.0897	39.2924	0.1175	14.7433	0.0692	14.8125	3.9100	0.0637	3.9737		12,025.4592	12,025.4592	0.3020	0.3167	12,127.3840
Total	5.0543	20.9333	46.4535	0.2077	18.0419	0.2162	18.2581	4.8598	0.2044	5.0641		21,590.5954	21,590.5954	0.3974	1.7313	22,116.4664

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017
Total	3.1340	28.8498	34.4540	0.0577		1.3129	1.3129		1.2332	1.2332		5,477.4247	5,477.4247	1.3271		5,510.6017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.8 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017
Total	1.4402	30.4382	38.2721	0.0577		1.9242	1.9242		1.9242	1.9242	0.0000	5,477.4247	5,477.4247	1.3271		5,510.6017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5286	17.8462	7.0811	0.0888	3.2985	0.1461	3.4446	0.9497	0.1397	1.0895		9,417.8800	9,417.8800	0.0988	1.3907	9,834.7804
Worker	4.2239	2.7523	36.8092	0.1138	14.7433	0.0661	14.8094	3.9100	0.0608	3.9708		11,737.4979	11,737.4979	0.2740	0.2942	11,832.0053
Total	4.7524	20.5984	43.8903	0.2026	18.0418	0.2122	18.2540	4.8597	0.2006	5.0603		21,155.3779	21,155.3779	0.3728	1.6849	21,666.7857

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.7112	18.2458	10.8492	0.0343		0.6533	0.6533		0.6011	0.6011		3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	1.7112	18.2458	10.8492	0.0343	5.3025	0.6533	5.9558	0.5726	0.6011	1.1736		3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.9 2nd Move In - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.7202	13.1257	18.2962	0.0343		0.3707	0.3707		0.3707	0.3707	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1
Total	0.7202	13.1257	18.2962	0.0343	2.0680	0.3707	2.4387	0.2233	0.3707	0.5940	0.0000	3,322.106 2	3,322.106 2	1.0744		3,348.967 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438
Total	0.0342	0.0234	0.2979	8.9000e-004	0.1118	5.2000e-004	0.1123	0.0296	4.8000e-004	0.0301		91.1710	91.1710	2.2900e-003	2.4000e-003	91.9438

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.3025	0.0000	5.3025	0.5726	0.0000	0.5726			0.0000			0.0000
Off-Road	1.9471	19.6697	13.5186	0.0413		0.7302	0.7302		0.6718	0.6718		4,000.9924	4,000.9924	1.2940		4,033.3425
Total	1.9471	19.6697	13.5186	0.0413	5.3025	0.7302	6.0327	0.5726	0.6718	1.2443		4,000.9924	4,000.9924	1.2940		4,033.3425

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.10 3rd Move In - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.0680	0.0000	2.0680	0.2233	0.0000	0.2233			0.0000			0.0000
Off-Road	0.8934	16.6996	22.6388	0.0413		0.5535	0.5535		0.5535	0.5535	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4
Total	0.8934	16.6996	22.6388	0.0413	2.0680	0.5535	2.6215	0.2233	0.5535	0.7768	0.0000	4,000.992 4	4,000.992 4	1.2940		4,033.342 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157
Total	0.0416	0.0271	0.3628	1.1200e-003	0.1453	6.5000e-004	0.1460	0.0385	6.0000e-004	0.0391		115.6842	115.6842	2.7000e-003	2.9000e-003	116.6157

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.6283	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.11 Offsite Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	1.6401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.2011	11.2952	17.2957	0.0228		0.6093	0.6093		0.6093	0.6093	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565
Total	0.0480	0.0313	0.4186	1.2900e-003	0.1677	7.5000e-004	0.1684	0.0445	6.9000e-004	0.0452		133.4818	133.4818	3.1200e-003	3.3500e-003	134.5565

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9763	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	3.3641	19.0492	29.2515	0.0456		0.9370	0.9370		0.8621	0.8621		4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.12 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7
Paving	1.3878					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.5097	22.5905	34.5913	0.0456		1.2187	1.2187		1.2187	1.2187	0.0000	4,415.094 4	4,415.094 4	1.4279		4,450.792 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131
Total	0.0961	0.0626	0.8372	2.5900e-003	0.3353	1.5000e-003	0.3368	0.0889	1.3800e-003	0.0903		266.9636	266.9636	6.2300e-003	6.6900e-003	269.1131

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	30.2895	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	29.8075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1585	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847
Total	29.9660	3.6186	4.8864	7.9200e-003		0.2536	0.2536		0.2536	0.2536	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952
Total	0.8454	0.5509	7.3674	0.0228	2.9509	0.0132	2.9641	0.7826	0.0122	0.7948		2,349.2793	2,349.2793	0.0549	0.0589	2,368.1952

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Unmitigated	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904
Total	0.0158	1.5500e-003	0.1707	1.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004		0.3665	0.3665	9.6000e-004		0.3904

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Construction Mitigated - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

This page intentionally left blank

APPENDIX 2.2:

CALEEMOD OUTPUTS – SCENARIO 1 OPERATION

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use -
- Construction Phase - Operation only
- Off-road Equipment -
- Off-road Equipment - Operation only
- Vehicle Trips - Trip rates based on Project traffic study.
- Area Coating -
- Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU
- Mobile Commute Mitigation -
- Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068
Total	68.2049	87.9282	336.7003	1.0782	90.8800	1.2427	92.1227	24.3397	1.1805	25.5201		113,007.4902	113,007.4902	3.7948	8.4235	115,612.5762

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068
Total	68.2049	87.9282	336.7003	1.0782	90.8800	1.2427	92.1227	24.3397	1.1805	25.5201		113,007.4902	113,007.4902	3.7948	8.4235	115,612.5762

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068
Unmitigated	30.7908	87.0397	335.6186	1.0728	90.8800	1.1742	92.0542	24.3397	1.1120	25.4516		111,944.1825	111,944.1825	3.7725	8.4041	114,542.9068

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	35,497,121	35,497,121
User Defined Industrial	475.64	475.64	475.64	6,925,285	6,925,285
Total	8,758.29	8,758.29	8,758.29	42,422,406	42,422,406

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 1

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.63
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	5.05
tblVehicleTrips	ST_TR	0.00	0.29
tblVehicleTrips	SU_TR	1.74	5.05
tblVehicleTrips	SU_TR	0.00	0.29
tblVehicleTrips	WD_TR	1.74	5.05
tblVehicleTrips	WD_TR	0.00	0.29
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9 213	106,085.9 213	3.8206	8.4783	108,707.9 663
Total	64.1607	92.9620	295.2907	1.0215	90.8800	1.2432	92.1232	24.3397	1.1810	25.5206		107,149.2 290	107,149.2 290	3.8428	8.4978	109,777.6 356

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.582 2	1,062.582 2	0.0204	0.0195	1,068.896 6
Mobile	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9 213	106,085.9 213	3.8206	8.4783	108,707.9 663
Total	64.1607	92.9620	295.2907	1.0215	90.8800	1.2432	92.1232	24.3397	1.1810	25.5206		107,149.2 290	107,149.2 290	3.8428	8.4978	109,777.6 356

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9213	106,085.9213	3.8206	8.4783	108,707.9663
Unmitigated	26.7465	92.0735	294.2090	1.0161	90.8800	1.1747	92.0547	24.3397	1.1125	25.4521		106,085.9213	106,085.9213	3.8206	8.4783	108,707.9663

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	8,282.66	8,282.66	8,282.66	35,497,121	35,497,121
User Defined Industrial	475.64	475.64	475.64	6,925,285	6,925,285
Total	8,758.29	8,758.29	8,758.29	42,422,406	42,422,406

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.168085	0.000000	0.206383	0.625532	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003			0.7254	0.7254	1.8900e-003	0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003			0.7254	0.7254	1.8900e-003	0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 1 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

This page intentionally left blank

APPENDIX 2.3:

CALEEMOD OUTPUTS – SCENARIO 2 OPERATION

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2

Riverside-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	390.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526
Total	45.7338	78.9470	92.7692	0.6142	35.2540	1.0552	36.3092	9.6304	1.0097	10.6401		65,245.7455	65,245.7455	1.3520	7.4989	67,514.2220

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526
Total	45.7338	78.9470	92.7692	0.6142	35.2540	1.0552	36.3092	9.6304	1.0097	10.6401		65,245.7455	65,245.7455	1.3520	7.4989	67,514.2220

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526
Unmitigated	8.3197	78.0585	91.6875	0.6089	35.2540	0.9867	36.2407	9.6304	0.9412	10.5716		64,182.4379	64,182.4379	1.3298	7.4794	66,444.5526

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	8,224,085	8,224,085
User Defined Industrial	508.44	508.44	508.44	7,402,891	7,402,891
Total	2,427.39	2,427.39	2,427.39	15,626,976	15,626,976

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14616 Menifee Commerce Ctr Ops Scenario 2

Riverside-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	1,640.13	1000sqft	37.65	1,640,130.00	0
User Defined Industrial	1,640.13	User Defined Unit	0.00	0.00	0
Other Asphalt Surfaces	34.43	Acre	34.43	1,499,770.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Precipitation Freq (Days)	28
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	390.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Operation only

Off-road Equipment -

Off-road Equipment - Operation only

Vehicle Trips - Trip rates based on Project traffic study.

Area Coating -

Water And Wastewater - Water consumption based on EMWD Water Facilities Master Plan and ETWU

Mobile Commute Mitigation -

Area Mitigation - Based on SCAQMD Rule 1113

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fleet Mix - Fleet mix based on Project traffic study.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,110.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.06
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.19
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.17
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	LHD2	7.1910e-003	0.00
tblFleetMix	MCY	0.02	0.03
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.14	0.15
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MH	5.1890e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.21
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	OBUS	6.1100e-004	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	SBUS	1.0970e-003	0.00
tblFleetMix	UBUS	3.0900e-004	0.00

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFleetMix	UBUS	3.0900e-004	0.00
tblVehicleTrips	CW_TL	16.60	40.00
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	1.74	1.17
tblVehicleTrips	ST_TR	0.00	0.31
tblVehicleTrips	SU_TR	1.74	1.17
tblVehicleTrips	SU_TR	0.00	0.31
tblVehicleTrips	WD_TR	1.74	1.17
tblVehicleTrips	WD_TR	0.00	0.31
tblWater	IndoorWaterUseRate	379,280,062.50	11,216,809.00
tblWater	OutdoorWaterUseRate	0.00	3,253,251.00

2.0 Emissions Summary

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.6543	62,847.6543	1.3384	7.5041	65,117.3237
Total	44.7511	83.3028	83.2861	0.6013	35.2540	1.0557	36.3098	9.6304	1.0102	10.6406		63,910.9619	63,910.9619	1.3606	7.5235	66,186.9931

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Energy	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
Mobile	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.6543	62,847.6543	1.3384	7.5041	65,117.3237
Total	44.7511	83.3028	83.2861	0.6013	35.2540	1.0557	36.3098	9.6304	1.0102	10.6406		63,910.9619	63,910.9619	1.3606	7.5235	66,186.9931

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	12/23/2021	12/22/2021	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 34.43

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction			515.00	0.00	14.70	6.90				

3.1 Mitigation Measures Construction

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.65 43	62,847.65 43	1.3384	7.5041	65,117.32 37
Unmitigated	7.3369	82.4143	82.2044	0.5959	35.2540	0.9872	36.2413	9.6304	0.9417	10.5721		62,847.65 43	62,847.65 43	1.3384	7.5041	65,117.32 37

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	1,918.95	1,918.95	1918.95	8,224,085	8,224,085
User Defined Industrial	508.44	508.44	508.44	7,402,891	7,402,891
Total	2,427.39	2,427.39	2,427.39	15,626,976	15,626,976

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
User Defined Industrial	40.00	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.537845	0.056225	0.173186	0.138405	0.025906	0.007191	0.011447	0.018769	0.000611	0.000309	0.023821	0.001097	0.005189
Unrefrigerated Warehouse-No Rail	0.578650	0.060491	0.186325	0.148906	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.025628	0.000000	0.000000

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Industrial	0.000000	0.000000	0.000000	0.000000	0.166994	0.000000	0.208251	0.624754	0.000000	0.000000	0.000000	0.000000	0.000000
-------------------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
NaturalGas Unmitigated	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9031.95	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	9.03195	0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0974	0.8855	0.7438	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,062.5822	1,062.5822	0.0204	0.0195	1,068.8966

6.0 Area Detail

6.1 Mitigation Measures Area

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Unmitigated	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	4.2798					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	33.0058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0312	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728
Total	37.3167	3.0700e-003	0.3379	3.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003		0.7254	0.7254	1.8900e-003		0.7728

7.0 Water Detail

7.1 Mitigation Measures Water

14616 Menifee Commerce Ctr Ops Scenario 2 - Riverside-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

This page intentionally left blank

APPENDIX 2.4:
EMFAC EMISSIONS SUMMARY

**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2024
SCENARIO 1**

Speed	LHD1	MHD	HHD
0	0.403973	0.034355	0.01207
5	0.034018	0.005886	0.01275
25	0.012615	0.002913	0.00686

Speed	Weighted Average Emissions
0	0.08254
5	0.01491
25	0.00701

Scenario 1 Emission Rates - 2024 Emission Factors

Truck Emission Rates - Scenario 1

Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Building 1 West	119			0.0825	2.46	2.842E-05
On-Site Idling - Building 1 East	119			0.0825	2.46	2.842E-05
On-Site Idling - Building 2	232			0.0825	4.79	5.541E-05
On-Site Travel - Building 1 West	238	96.64	0.0149		1.44	1.667E-05
On-Site Travel - Building 1 East	238	123.04	0.0149		1.83	2.123E-05
On-Site Travel - Building 1 South	238	43.40	0.0149		0.65	7.489E-06
On-Site Travel - Building 2	232	46.23	0.0149		0.69	7.976E-06
Off-Site Travel Sherman Road South	79	7.04	0.0070		0.05	5.716E-07
Off-Site Travel Sherman Road Center	311	78.12	0.0070		0.55	6.339E-06
Off-Site Travel Sherman Road North	391	26.24	0.0070		0.18	2.129E-06
Off-Site Travel Dawson Road	79	31.14	0.0070		0.22	2.527E-06
Off-Site Travel Ethanac Road East	79	19.80	0.0070		0.14	1.606E-06
Off-Site Travel Ethanac Road West	470	273.32	0.0070		1.92	2.218E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

^c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

calendar_y	season	sub_area	vehicle_class	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_rate
2024	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	5	PM10	0.013009
2024	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	25	PM10	0.006998
2024	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.066128
2024	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.024522
2024	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	5	PM10	0.006571
2024	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	25	PM10	0.003252
2024	Annual	Riverside (	HHDT	Dsl			IDLEX		PM10	0.012319
2024	Annual	Riverside (	LHDT1	Dsl			IDLEX		PM10	0.785272
2024	Annual	Riverside (	MHDT	Dsl			IDLEX		PM10	0.038351

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: County

Region: RIVERSIDE COUNTY

Calendar Year: 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Yea	Speed	Fuel	Population
Riverside (	2024	HHDT	Aggregate	Aggregate	Gasoline	6.027895
Riverside (	2024	HHDT	Aggregate	Aggregate	Diesel	16452.58
Riverside (	2024	HHDT	Aggregate	Aggregate	Natural Ga	332.1582
Riverside (	2024	LHDT1	Aggregate	Aggregate	Gasoline	15013.8
Riverside (	2024	LHDT1	Aggregate	Aggregate	Diesel	15906.59
Riverside (	2024	MHDT	Aggregate	Aggregate	Gasoline	1398.543
Riverside (	2024	MHDT	Aggregate	Aggregate	Diesel	12021.29

HHDT% GAS/NG 0.02014

HHDT% DSL 0.97986

LHDT1% GAS 0.48556

LHDT1% DSL 0.51444

MHDT% GAS 0.10421

MHDT% DSL 0.89579

**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2024
SCENARIO 2**

Speed	LHD1	MHD	HHD
0	0.403973	0.034355	0.01207
5	0.034018	0.005886	0.01275
25	0.012615	0.002913	0.00686

Speed	Weighted Average Emissions
0	0.08216
5	0.01487
25	0.00700

Scenario 2 Emission Rates - 2024 Emission Factors

Truck Emission Rates - Scenario 2

Source	Trucks Per Day	VMT ^a (miles/day)	Truck Emission Rate ^b (grams/mile)	Truck Emission Rate ^b (grams/idle-hour)	Daily Truck Emissions ^c (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Building 1 West	139			0.0822	2.84	3.292E-05
On-Site Idling - Building 1 East	139			0.0822	2.84	3.292E-05
On-Site Idling - Building 2	232			0.0822	4.77	5.515E-05
On-Site Travel - Building 1 West	277	112.48	0.0149		1.67	1.936E-05
On-Site Travel - Building 1 East	277	143.20	0.0149		2.13	2.465E-05
On-Site Travel - Building 1 South	277	50.52	0.0149		0.75	8.695E-06
On-Site Travel - Building 2	232	46.23	0.0149		0.69	7.957E-06
Off-Site Travel Sherman Road South	92	8.20	0.0070		0.06	6.640E-07
Off-Site Travel Sherman Road Center	324	81.38	0.0070		0.57	6.591E-06
Off-Site Travel Sherman Road North	417	27.99	0.0070		0.20	2.267E-06
Off-Site Travel Dawson Road	92	36.25	0.0070		0.25	2.936E-06
Off-Site Travel Ethanac Road East	92	23.04	0.0070		0.16	1.866E-06
Off-Site Travel Ethanac Road West	509	296.00	0.0070		2.07	2.397E-05

^a Vehicle miles traveled are for modeled truck route only.

^b Emission rates determined using EMFAC 2017. Idle emission rates are expressed in grams per idle hour rather than grams per mile.

^c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

calendar_y	season	sub_area	vehicle_class	fuel	temperatu	relative_h	process	speed_tim	pollutant	emission_rate
2024	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	5	PM10	0.013009
2024	Annual	Riverside (	HHDT	Dsl	60	70	RUNEX	25	PM10	0.006998
2024	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.066128
2024	Annual	Riverside (	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.024522
2024	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	5	PM10	0.006571
2024	Annual	Riverside (	MHDT	Dsl	60	70	RUNEX	25	PM10	0.003252
2024	Annual	Riverside (	HHDT	Dsl			IDLEX		PM10	0.012319
2024	Annual	Riverside (	LHDT1	Dsl			IDLEX		PM10	0.785272
2024	Annual	Riverside (	MHDT	Dsl			IDLEX		PM10	0.038351

Source: EMFAC2017 (v1.0.3) Emissions Inventory

Region Type: County

Region: RIVERSIDE COUNTY

Calendar Year: 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Y	Vehicle Ca	Model Year	Speed	Fuel	Population
Riverside (	2024	HHDT	Aggregate	Aggregate	Gasoline	6.027895
Riverside (	2024	HHDT	Aggregate	Aggregate	Diesel	16452.58
Riverside (	2024	HHDT	Aggregate	Aggregate	Natural Gas	332.1582
Riverside (	2024	LHDT1	Aggregate	Aggregate	Gasoline	15013.8
Riverside (	2024	LHDT1	Aggregate	Aggregate	Diesel	15906.59
Riverside (	2024	MHDT	Aggregate	Aggregate	Gasoline	1398.543
Riverside (	2024	MHDT	Aggregate	Aggregate	Diesel	12021.29

HHDT% GAS/NG 0.02014

HHDT% DSL 0.97986

LHDT1% GAS 0.48556

LHDT1% DSL 0.51444

MHDT% GAS 0.10421

MHDT% DSL 0.89579

This page intentionally left blank

APPENDIX 2.5:
AERMOD MODEL INPUT/OUTPUT – CONSTRUCTION

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 1/12/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Construction\14616
Construction.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14616 Construction.err"
CO FINISHED

**

** AERMOD Source Pathway

**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite Onroad
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0012881316
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 482355.528, 3733674.128, 433.95, 3.49, 6.51
** 483283.190, 3733671.100, 436.00, 3.49, 6.51
** 483284.920, 3733012.871, 436.00, 3.49, 6.51
**

LOCATION	L0004882	VOLUME	482362.528	3733674.105	433.84
LOCATION	L0004883	VOLUME	482376.528	3733674.059	433.97
LOCATION	L0004884	VOLUME	482390.528	3733674.013	434.00
LOCATION	L0004885	VOLUME	482404.528	3733673.968	434.00
LOCATION	L0004886	VOLUME	482418.528	3733673.922	434.00
LOCATION	L0004887	VOLUME	482432.528	3733673.876	434.00
LOCATION	L0004888	VOLUME	482446.528	3733673.831	434.00
LOCATION	L0004889	VOLUME	482460.528	3733673.785	434.00
LOCATION	L0004890	VOLUME	482474.528	3733673.739	434.00
LOCATION	L0004891	VOLUME	482488.528	3733673.694	434.00
LOCATION	L0004892	VOLUME	482502.528	3733673.648	434.00
LOCATION	L0004893	VOLUME	482516.528	3733673.602	434.00
LOCATION	L0004894	VOLUME	482530.528	3733673.557	434.00
LOCATION	L0004895	VOLUME	482544.527	3733673.511	434.00
LOCATION	L0004896	VOLUME	482558.527	3733673.465	434.00

LOCATION	L0004897	VOLUME	482572.527	3733673.419	434.00
LOCATION	L0004898	VOLUME	482586.527	3733673.374	434.00
LOCATION	L0004899	VOLUME	482600.527	3733673.328	434.00
LOCATION	L0004900	VOLUME	482614.527	3733673.282	434.00
LOCATION	L0004901	VOLUME	482628.527	3733673.237	434.00
LOCATION	L0004902	VOLUME	482642.527	3733673.191	434.00
LOCATION	L0004903	VOLUME	482656.527	3733673.145	434.00
LOCATION	L0004904	VOLUME	482670.527	3733673.100	434.00
LOCATION	L0004905	VOLUME	482684.527	3733673.054	434.00
LOCATION	L0004906	VOLUME	482698.527	3733673.008	434.00
LOCATION	L0004907	VOLUME	482712.527	3733672.963	434.00
LOCATION	L0004908	VOLUME	482726.526	3733672.917	434.00
LOCATION	L0004909	VOLUME	482740.526	3733672.871	434.00
LOCATION	L0004910	VOLUME	482754.526	3733672.826	434.11
LOCATION	L0004911	VOLUME	482768.526	3733672.780	434.21
LOCATION	L0004912	VOLUME	482782.526	3733672.734	434.55
LOCATION	L0004913	VOLUME	482796.526	3733672.688	434.91
LOCATION	L0004914	VOLUME	482810.526	3733672.643	435.00
LOCATION	L0004915	VOLUME	482824.526	3733672.597	435.00
LOCATION	L0004916	VOLUME	482838.526	3733672.551	435.00
LOCATION	L0004917	VOLUME	482852.526	3733672.506	435.00
LOCATION	L0004918	VOLUME	482866.526	3733672.460	435.00
LOCATION	L0004919	VOLUME	482880.526	3733672.414	435.00
LOCATION	L0004920	VOLUME	482894.526	3733672.369	435.00
LOCATION	L0004921	VOLUME	482908.526	3733672.323	435.00
LOCATION	L0004922	VOLUME	482922.525	3733672.277	435.00
LOCATION	L0004923	VOLUME	482936.525	3733672.232	435.00
LOCATION	L0004924	VOLUME	482950.525	3733672.186	435.00
LOCATION	L0004925	VOLUME	482964.525	3733672.140	435.00
LOCATION	L0004926	VOLUME	482978.525	3733672.095	435.00
LOCATION	L0004927	VOLUME	482992.525	3733672.049	435.00
LOCATION	L0004928	VOLUME	483006.525	3733672.003	435.00
LOCATION	L0004929	VOLUME	483020.525	3733671.957	435.00
LOCATION	L0004930	VOLUME	483034.525	3733671.912	435.00
LOCATION	L0004931	VOLUME	483048.525	3733671.866	435.00
LOCATION	L0004932	VOLUME	483062.525	3733671.820	435.00
LOCATION	L0004933	VOLUME	483076.525	3733671.775	435.00
LOCATION	L0004934	VOLUME	483090.525	3733671.729	435.00
LOCATION	L0004935	VOLUME	483104.524	3733671.683	435.00
LOCATION	L0004936	VOLUME	483118.524	3733671.638	435.00
LOCATION	L0004937	VOLUME	483132.524	3733671.592	435.08
LOCATION	L0004938	VOLUME	483146.524	3733671.546	435.55
LOCATION	L0004939	VOLUME	483160.524	3733671.501	436.00
LOCATION	L0004940	VOLUME	483174.524	3733671.455	436.00
LOCATION	L0004941	VOLUME	483188.524	3733671.409	436.00
LOCATION	L0004942	VOLUME	483202.524	3733671.364	436.00
LOCATION	L0004943	VOLUME	483216.524	3733671.318	436.00
LOCATION	L0004944	VOLUME	483230.524	3733671.272	436.00
LOCATION	L0004945	VOLUME	483244.524	3733671.226	436.00
LOCATION	L0004946	VOLUME	483258.524	3733671.181	436.00
LOCATION	L0004947	VOLUME	483272.524	3733671.135	436.00
LOCATION	L0004948	VOLUME	483283.199	3733667.767	436.00
LOCATION	L0004949	VOLUME	483283.236	3733653.767	436.00
LOCATION	L0004950	VOLUME	483283.273	3733639.767	436.00
LOCATION	L0004951	VOLUME	483283.310	3733625.767	436.00
LOCATION	L0004952	VOLUME	483283.346	3733611.767	436.00
LOCATION	L0004953	VOLUME	483283.383	3733597.767	436.00
LOCATION	L0004954	VOLUME	483283.420	3733583.768	436.00
LOCATION	L0004955	VOLUME	483283.457	3733569.768	436.00
LOCATION	L0004956	VOLUME	483283.494	3733555.768	436.00
LOCATION	L0004957	VOLUME	483283.530	3733541.768	436.00
LOCATION	L0004958	VOLUME	483283.567	3733527.768	436.00
LOCATION	L0004959	VOLUME	483283.604	3733513.768	436.00
LOCATION	L0004960	VOLUME	483283.641	3733499.768	436.00
LOCATION	L0004961	VOLUME	483283.678	3733485.768	436.00
LOCATION	L0004962	VOLUME	483283.714	3733471.768	436.00

LOCATION	L0004963	VOLUME	483283.751	3733457.768	436.00
LOCATION	L0004964	VOLUME	483283.788	3733443.768	436.00
LOCATION	L0004965	VOLUME	483283.825	3733429.768	436.00
LOCATION	L0004966	VOLUME	483283.861	3733415.768	436.00
LOCATION	L0004967	VOLUME	483283.898	3733401.768	436.00
LOCATION	L0004968	VOLUME	483283.935	3733387.768	436.00
LOCATION	L0004969	VOLUME	483283.972	3733373.768	436.00
LOCATION	L0004970	VOLUME	483284.009	3733359.768	436.00
LOCATION	L0004971	VOLUME	483284.045	3733345.768	436.00
LOCATION	L0004972	VOLUME	483284.082	3733331.768	436.00
LOCATION	L0004973	VOLUME	483284.119	3733317.768	436.00
LOCATION	L0004974	VOLUME	483284.156	3733303.768	436.00
LOCATION	L0004975	VOLUME	483284.193	3733289.769	436.00
LOCATION	L0004976	VOLUME	483284.229	3733275.769	436.00
LOCATION	L0004977	VOLUME	483284.266	3733261.769	436.00
LOCATION	L0004978	VOLUME	483284.303	3733247.769	436.00
LOCATION	L0004979	VOLUME	483284.340	3733233.769	436.00
LOCATION	L0004980	VOLUME	483284.377	3733219.769	436.00
LOCATION	L0004981	VOLUME	483284.413	3733205.769	436.00
LOCATION	L0004982	VOLUME	483284.450	3733191.769	436.00
LOCATION	L0004983	VOLUME	483284.487	3733177.769	436.00
LOCATION	L0004984	VOLUME	483284.524	3733163.769	436.00
LOCATION	L0004985	VOLUME	483284.561	3733149.769	436.00
LOCATION	L0004986	VOLUME	483284.597	3733135.769	436.00
LOCATION	L0004987	VOLUME	483284.634	3733121.769	436.00
LOCATION	L0004988	VOLUME	483284.671	3733107.769	436.00
LOCATION	L0004989	VOLUME	483284.708	3733093.769	436.00
LOCATION	L0004990	VOLUME	483284.745	3733079.769	436.00
LOCATION	L0004991	VOLUME	483284.781	3733065.769	436.00
LOCATION	L0004992	VOLUME	483284.818	3733051.769	436.00
LOCATION	L0004993	VOLUME	483284.855	3733037.769	436.00
LOCATION	L0004994	VOLUME	483284.892	3733023.769	436.00

** End of LINE VOLUME Source ID = SLINE1

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Sherman Offsite Construction

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 3

** 482355.528, 3733674.128, 433.95, 4.25, 6.51

** 483283.190, 3733671.100, 436.00, 4.25, 6.51

** 483288.514, 3732878.693, 436.00, 4.25, 6.51

** -----
LOCATION L0006025 VOLUME 482362.528 3733674.105 433.84
LOCATION L0006026 VOLUME 482376.528 3733674.059 433.97
LOCATION L0006027 VOLUME 482390.528 3733674.013 434.00
LOCATION L0006028 VOLUME 482404.528 3733673.968 434.00
LOCATION L0006029 VOLUME 482418.528 3733673.922 434.00
LOCATION L0006030 VOLUME 482432.528 3733673.876 434.00
LOCATION L0006031 VOLUME 482446.528 3733673.831 434.00
LOCATION L0006032 VOLUME 482460.528 3733673.785 434.00
LOCATION L0006033 VOLUME 482474.528 3733673.739 434.00
LOCATION L0006034 VOLUME 482488.528 3733673.694 434.00
LOCATION L0006035 VOLUME 482502.528 3733673.648 434.00
LOCATION L0006036 VOLUME 482516.528 3733673.602 434.00
LOCATION L0006037 VOLUME 482530.528 3733673.557 434.00
LOCATION L0006038 VOLUME 482544.527 3733673.511 434.00
LOCATION L0006039 VOLUME 482558.527 3733673.465 434.00
LOCATION L0006040 VOLUME 482572.527 3733673.419 434.00
LOCATION L0006041 VOLUME 482586.527 3733673.374 434.00
LOCATION L0006042 VOLUME 482600.527 3733673.328 434.00

LOCATION L0006043	VOLUME	482614.527	3733673.282	434.00
LOCATION L0006044	VOLUME	482628.527	3733673.237	434.00
LOCATION L0006045	VOLUME	482642.527	3733673.191	434.00
LOCATION L0006046	VOLUME	482656.527	3733673.145	434.00
LOCATION L0006047	VOLUME	482670.527	3733673.100	434.00
LOCATION L0006048	VOLUME	482684.527	3733673.054	434.00
LOCATION L0006049	VOLUME	482698.527	3733673.008	434.00
LOCATION L0006050	VOLUME	482712.527	3733672.963	434.00
LOCATION L0006051	VOLUME	482726.526	3733672.917	434.00
LOCATION L0006052	VOLUME	482740.526	3733672.871	434.00
LOCATION L0006053	VOLUME	482754.526	3733672.826	434.11
LOCATION L0006054	VOLUME	482768.526	3733672.780	434.21
LOCATION L0006055	VOLUME	482782.526	3733672.734	434.55
LOCATION L0006056	VOLUME	482796.526	3733672.688	434.91
LOCATION L0006057	VOLUME	482810.526	3733672.643	435.00
LOCATION L0006058	VOLUME	482824.526	3733672.597	435.00
LOCATION L0006059	VOLUME	482838.526	3733672.551	435.00
LOCATION L0006060	VOLUME	482852.526	3733672.506	435.00
LOCATION L0006061	VOLUME	482866.526	3733672.460	435.00
LOCATION L0006062	VOLUME	482880.526	3733672.414	435.00
LOCATION L0006063	VOLUME	482894.526	3733672.369	435.00
LOCATION L0006064	VOLUME	482908.526	3733672.323	435.00
LOCATION L0006065	VOLUME	482922.525	3733672.277	435.00
LOCATION L0006066	VOLUME	482936.525	3733672.232	435.00
LOCATION L0006067	VOLUME	482950.525	3733672.186	435.00
LOCATION L0006068	VOLUME	482964.525	3733672.140	435.00
LOCATION L0006069	VOLUME	482978.525	3733672.095	435.00
LOCATION L0006070	VOLUME	482992.525	3733672.049	435.00
LOCATION L0006071	VOLUME	483006.525	3733672.003	435.00
LOCATION L0006072	VOLUME	483020.525	3733671.957	435.00
LOCATION L0006073	VOLUME	483034.525	3733671.912	435.00
LOCATION L0006074	VOLUME	483048.525	3733671.866	435.00
LOCATION L0006075	VOLUME	483062.525	3733671.820	435.00
LOCATION L0006076	VOLUME	483076.525	3733671.775	435.00
LOCATION L0006077	VOLUME	483090.525	3733671.729	435.00
LOCATION L0006078	VOLUME	483104.524	3733671.683	435.00
LOCATION L0006079	VOLUME	483118.524	3733671.638	435.00
LOCATION L0006080	VOLUME	483132.524	3733671.592	435.08
LOCATION L0006081	VOLUME	483146.524	3733671.546	435.55
LOCATION L0006082	VOLUME	483160.524	3733671.501	436.00
LOCATION L0006083	VOLUME	483174.524	3733671.455	436.00
LOCATION L0006084	VOLUME	483188.524	3733671.409	436.00
LOCATION L0006085	VOLUME	483202.524	3733671.364	436.00
LOCATION L0006086	VOLUME	483216.524	3733671.318	436.00
LOCATION L0006087	VOLUME	483230.524	3733671.272	436.00
LOCATION L0006088	VOLUME	483244.524	3733671.226	436.00
LOCATION L0006089	VOLUME	483258.524	3733671.181	436.00
LOCATION L0006090	VOLUME	483272.524	3733671.135	436.00
LOCATION L0006091	VOLUME	483283.213	3733667.767	436.00
LOCATION L0006092	VOLUME	483283.307	3733653.768	436.00
LOCATION L0006093	VOLUME	483283.401	3733639.768	436.00
LOCATION L0006094	VOLUME	483283.495	3733625.768	436.00
LOCATION L0006095	VOLUME	483283.589	3733611.769	436.00
LOCATION L0006096	VOLUME	483283.683	3733597.769	436.00
LOCATION L0006097	VOLUME	483283.777	3733583.769	436.00
LOCATION L0006098	VOLUME	483283.871	3733569.769	436.00
LOCATION L0006099	VOLUME	483283.965	3733555.770	436.00
LOCATION L0006100	VOLUME	483284.059	3733541.770	436.00
LOCATION L0006101	VOLUME	483284.153	3733527.770	436.00
LOCATION L0006102	VOLUME	483284.247	3733513.771	436.00
LOCATION L0006103	VOLUME	483284.342	3733499.771	436.00
LOCATION L0006104	VOLUME	483284.436	3733485.771	436.00
LOCATION L0006105	VOLUME	483284.530	3733471.772	436.00
LOCATION L0006106	VOLUME	483284.624	3733457.772	436.00
LOCATION L0006107	VOLUME	483284.718	3733443.772	436.00
LOCATION L0006108	VOLUME	483284.812	3733429.773	436.00

LOCATION	VOLUME				
L0006109	483284.906	3733415.773	436.00		
L0006110	483285.000	3733401.773	436.00		
L0006111	483285.094	3733387.774	436.00		
L0006112	483285.188	3733373.774	436.00		
L0006113	483285.282	3733359.774	436.00		
L0006114	483285.376	3733345.775	436.00		
L0006115	483285.470	3733331.775	436.00		
L0006116	483285.564	3733317.775	436.00		
L0006117	483285.658	3733303.775	436.00		
L0006118	483285.752	3733289.776	436.00		
L0006119	483285.847	3733275.776	436.00		
L0006120	483285.941	3733261.776	436.00		
L0006121	483286.035	3733247.777	436.00		
L0006122	483286.129	3733233.777	436.00		
L0006123	483286.223	3733219.777	436.00		
L0006124	483286.317	3733205.778	436.00		
L0006125	483286.411	3733191.778	436.00		
L0006126	483286.505	3733177.778	436.00		
L0006127	483286.599	3733163.779	436.00		
L0006128	483286.693	3733149.779	436.00		
L0006129	483286.787	3733135.779	436.00		
L0006130	483286.881	3733121.780	436.00		
L0006131	483286.975	3733107.780	436.00		
L0006132	483287.069	3733093.780	436.00		
L0006133	483287.163	3733079.781	436.00		
L0006134	483287.257	3733065.781	436.00		
L0006135	483287.351	3733051.781	436.00		
L0006136	483287.446	3733037.782	436.00		
L0006137	483287.540	3733023.782	436.00		
L0006138	483287.634	3733009.782	436.00		
L0006139	483287.728	3732995.782	436.00		
L0006140	483287.822	3732981.783	436.00		
L0006141	483287.916	3732967.783	436.00		
L0006142	483288.010	3732953.783	436.00		
L0006143	483288.104	3732939.784	436.00		
L0006144	483288.198	3732925.784	436.00		
L0006145	483288.292	3732911.784	436.00		
L0006146	483288.386	3732897.785	436.00		
L0006147	483288.480	3732883.785	436.00		

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Sherman Offsite Onroad

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 482355.528, 3733674.128, 433.95, 3.49, 6.51

** 483283.190, 3733671.100, 436.00, 3.49, 6.51

** 483288.514, 3732878.693, 436.00, 3.49, 6.51

**

LOCATION	VOLUME				
L0003908	482362.528	3733674.105	433.84		
L0003909	482376.528	3733674.059	433.97		
L0003910	482390.528	3733674.013	434.00		
L0003911	482404.528	3733673.968	434.00		
L0003912	482418.528	3733673.922	434.00		
L0003913	482432.528	3733673.876	434.00		
L0003914	482446.528	3733673.831	434.00		
L0003915	482460.528	3733673.785	434.00		
L0003916	482474.528	3733673.739	434.00		
L0003917	482488.528	3733673.694	434.00		
L0003918	482502.528	3733673.648	434.00		

LOCATION L0003919	VOLUME	482516.528	3733673.602	434.00
LOCATION L0003920	VOLUME	482530.528	3733673.557	434.00
LOCATION L0003921	VOLUME	482544.527	3733673.511	434.00
LOCATION L0003922	VOLUME	482558.527	3733673.465	434.00
LOCATION L0003923	VOLUME	482572.527	3733673.419	434.00
LOCATION L0003924	VOLUME	482586.527	3733673.374	434.00
LOCATION L0003925	VOLUME	482600.527	3733673.328	434.00
LOCATION L0003926	VOLUME	482614.527	3733673.282	434.00
LOCATION L0003927	VOLUME	482628.527	3733673.237	434.00
LOCATION L0003928	VOLUME	482642.527	3733673.191	434.00
LOCATION L0003929	VOLUME	482656.527	3733673.145	434.00
LOCATION L0003930	VOLUME	482670.527	3733673.100	434.00
LOCATION L0003931	VOLUME	482684.527	3733673.054	434.00
LOCATION L0003932	VOLUME	482698.527	3733673.008	434.00
LOCATION L0003933	VOLUME	482712.527	3733672.963	434.00
LOCATION L0003934	VOLUME	482726.526	3733672.917	434.00
LOCATION L0003935	VOLUME	482740.526	3733672.871	434.00
LOCATION L0003936	VOLUME	482754.526	3733672.826	434.11
LOCATION L0003937	VOLUME	482768.526	3733672.780	434.21
LOCATION L0003938	VOLUME	482782.526	3733672.734	434.55
LOCATION L0003939	VOLUME	482796.526	3733672.688	434.91
LOCATION L0003940	VOLUME	482810.526	3733672.643	435.00
LOCATION L0003941	VOLUME	482824.526	3733672.597	435.00
LOCATION L0003942	VOLUME	482838.526	3733672.551	435.00
LOCATION L0003943	VOLUME	482852.526	3733672.506	435.00
LOCATION L0003944	VOLUME	482866.526	3733672.460	435.00
LOCATION L0003945	VOLUME	482880.526	3733672.414	435.00
LOCATION L0003946	VOLUME	482894.526	3733672.369	435.00
LOCATION L0003947	VOLUME	482908.526	3733672.323	435.00
LOCATION L0003948	VOLUME	482922.525	3733672.277	435.00
LOCATION L0003949	VOLUME	482936.525	3733672.232	435.00
LOCATION L0003950	VOLUME	482950.525	3733672.186	435.00
LOCATION L0003951	VOLUME	482964.525	3733672.140	435.00
LOCATION L0003952	VOLUME	482978.525	3733672.095	435.00
LOCATION L0003953	VOLUME	482992.525	3733672.049	435.00
LOCATION L0003954	VOLUME	483006.525	3733672.003	435.00
LOCATION L0003955	VOLUME	483020.525	3733671.957	435.00
LOCATION L0003956	VOLUME	483034.525	3733671.912	435.00
LOCATION L0003957	VOLUME	483048.525	3733671.866	435.00
LOCATION L0003958	VOLUME	483062.525	3733671.820	435.00
LOCATION L0003959	VOLUME	483076.525	3733671.775	435.00
LOCATION L0003960	VOLUME	483090.525	3733671.729	435.00
LOCATION L0003961	VOLUME	483104.524	3733671.683	435.00
LOCATION L0003962	VOLUME	483118.524	3733671.638	435.00
LOCATION L0003963	VOLUME	483132.524	3733671.592	435.08
LOCATION L0003964	VOLUME	483146.524	3733671.546	435.55
LOCATION L0003965	VOLUME	483160.524	3733671.501	436.00
LOCATION L0003966	VOLUME	483174.524	3733671.455	436.00
LOCATION L0003967	VOLUME	483188.524	3733671.409	436.00
LOCATION L0003968	VOLUME	483202.524	3733671.364	436.00
LOCATION L0003969	VOLUME	483216.524	3733671.318	436.00
LOCATION L0003970	VOLUME	483230.524	3733671.272	436.00
LOCATION L0003971	VOLUME	483244.524	3733671.226	436.00
LOCATION L0003972	VOLUME	483258.524	3733671.181	436.00
LOCATION L0003973	VOLUME	483272.524	3733671.135	436.00
LOCATION L0003974	VOLUME	483283.213	3733667.767	436.00
LOCATION L0003975	VOLUME	483283.307	3733653.768	436.00
LOCATION L0003976	VOLUME	483283.401	3733639.768	436.00
LOCATION L0003977	VOLUME	483283.495	3733625.768	436.00
LOCATION L0003978	VOLUME	483283.589	3733611.769	436.00
LOCATION L0003979	VOLUME	483283.683	3733597.769	436.00
LOCATION L0003980	VOLUME	483283.777	3733583.769	436.00
LOCATION L0003981	VOLUME	483283.871	3733569.769	436.00
LOCATION L0003982	VOLUME	483283.965	3733555.770	436.00
LOCATION L0003983	VOLUME	483284.059	3733541.770	436.00
LOCATION L0003984	VOLUME	483284.153	3733527.770	436.00

LOCATION L0003985	VOLUME	483284.247	3733513.771	436.00
LOCATION L0003986	VOLUME	483284.342	3733499.771	436.00
LOCATION L0003987	VOLUME	483284.436	3733485.771	436.00
LOCATION L0003988	VOLUME	483284.530	3733471.772	436.00
LOCATION L0003989	VOLUME	483284.624	3733457.772	436.00
LOCATION L0003990	VOLUME	483284.718	3733443.772	436.00
LOCATION L0003991	VOLUME	483284.812	3733429.773	436.00
LOCATION L0003992	VOLUME	483284.906	3733415.773	436.00
LOCATION L0003993	VOLUME	483285.000	3733401.773	436.00
LOCATION L0003994	VOLUME	483285.094	3733387.774	436.00
LOCATION L0003995	VOLUME	483285.188	3733373.774	436.00
LOCATION L0003996	VOLUME	483285.282	3733359.774	436.00
LOCATION L0003997	VOLUME	483285.376	3733345.775	436.00
LOCATION L0003998	VOLUME	483285.470	3733331.775	436.00
LOCATION L0003999	VOLUME	483285.564	3733317.775	436.00
LOCATION L0004000	VOLUME	483285.658	3733303.775	436.00
LOCATION L0004001	VOLUME	483285.752	3733289.776	436.00
LOCATION L0004002	VOLUME	483285.847	3733275.776	436.00
LOCATION L0004003	VOLUME	483285.941	3733261.776	436.00
LOCATION L0004004	VOLUME	483286.035	3733247.777	436.00
LOCATION L0004005	VOLUME	483286.129	3733233.777	436.00
LOCATION L0004006	VOLUME	483286.223	3733219.777	436.00
LOCATION L0004007	VOLUME	483286.317	3733205.778	436.00
LOCATION L0004008	VOLUME	483286.411	3733191.778	436.00
LOCATION L0004009	VOLUME	483286.505	3733177.778	436.00
LOCATION L0004010	VOLUME	483286.599	3733163.779	436.00
LOCATION L0004011	VOLUME	483286.693	3733149.779	436.00
LOCATION L0004012	VOLUME	483286.787	3733135.779	436.00
LOCATION L0004013	VOLUME	483286.881	3733121.780	436.00
LOCATION L0004014	VOLUME	483286.975	3733107.780	436.00
LOCATION L0004015	VOLUME	483287.069	3733093.780	436.00
LOCATION L0004016	VOLUME	483287.163	3733079.781	436.00
LOCATION L0004017	VOLUME	483287.257	3733065.781	436.00
LOCATION L0004018	VOLUME	483287.351	3733051.781	436.00
LOCATION L0004019	VOLUME	483287.446	3733037.782	436.00
LOCATION L0004020	VOLUME	483287.540	3733023.782	436.00
LOCATION L0004021	VOLUME	483287.634	3733009.782	436.00
LOCATION L0004022	VOLUME	483287.728	3732995.782	436.00
LOCATION L0004023	VOLUME	483287.822	3732981.783	436.00
LOCATION L0004024	VOLUME	483287.916	3732967.783	436.00
LOCATION L0004025	VOLUME	483288.010	3732953.783	436.00
LOCATION L0004026	VOLUME	483288.104	3732939.784	436.00
LOCATION L0004027	VOLUME	483288.198	3732925.784	436.00
LOCATION L0004028	VOLUME	483288.292	3732911.784	436.00
LOCATION L0004029	VOLUME	483288.386	3732897.785	436.00
LOCATION L0004030	VOLUME	483288.480	3732883.785	436.00

** End of LINE VOLUME Source ID = SLINE9

LOCATION VOL1	VOLUME	482940.450	3733216.910	435.000
LOCATION VOL2	VOLUME	483027.465	3733215.383	435.000
LOCATION VOL3	VOLUME	482940.962	3733107.000	435.000
LOCATION VOL4	VOLUME	483051.890	3733113.615	435.000
LOCATION VOL5	VOLUME	483134.831	3733113.106	435.160
LOCATION VOL6	VOLUME	483211.157	3733113.106	436.000
LOCATION VOL7	VOLUME	482944.524	3733053.571	435.000
LOCATION VOL8	VOLUME	483053.416	3733053.571	435.000
LOCATION VOL9	VOLUME	483163.326	3733051.027	436.000
LOCATION VOL10	VOLUME	483209.631	3733055.607	436.000
LOCATION VOL11	VOLUME	483357.703	3733052.045	436.000
LOCATION VOL12	VOLUME	483430.977	3733047.974	436.000
LOCATION VOL13	VOLUME	483540.377	3733068.836	437.000
LOCATION VOL14	VOLUME	483622.301	3733066.801	437.000
LOCATION VOL15	VOLUME	483358.212	3733160.428	436.000
LOCATION VOL16	VOLUME	483462.016	3733154.322	436.060
LOCATION VOL17	VOLUME	483557.169	3733154.831	437.000
LOCATION VOL18	VOLUME	483622.301	3733155.848	437.000
LOCATION VOL19	VOLUME	483357.703	3733264.232	436.000

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
LOCATION VOL20	VOLUME	483461.507	3733261.687	436.050
LOCATION VOL21	VOLUME	483553.099	3733261.179	437.000
LOCATION VOL22	VOLUME	483622.301	3733264.232	437.000
LOCATION VOL23	VOLUME	483356.177	3733372.615	436.000
LOCATION VOL24	VOLUME	483463.542	3733370.579	436.020
LOCATION VOL25	VOLUME	483553.607	3733369.053	437.000
LOCATION VOL26	VOLUME	483622.301	3733373.124	437.000
LOCATION VOL27	VOLUME	483356.177	3733439.782	436.000
LOCATION VOL28	VOLUME	483463.034	3733441.308	436.100
LOCATION VOL29	VOLUME	483555.134	3733441.308	437.000
LOCATION VOL30	VOLUME	483622.810	3733441.308	437.000
LOCATION VOL31	VOLUME	483622.301	3733512.546	437.000
LOCATION VOL32	VOLUME	483513.918	3733511.020	437.000
LOCATION VOL33	VOLUME	483437.066	3733510.002	436.000
LOCATION VOL34	VOLUME	483354.142	3733510.985	436.000

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2
** DESCRSRC Onramp Offsite Construction
** PREFIX
** Length of Side = 20.00
** Configuration = Adjacent
** Emission Rate = 0.0016384356
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 5
** 482479.894, 3734061.053, 433.00, 0.00, 9.30
** 482484.184, 3733968.235, 433.38, 0.00, 9.30
** 482492.314, 3733912.455, 433.87, 0.00, 9.30
** 482502.477, 3733865.481, 434.00, 0.00, 9.30
** 482562.774, 3733687.750, 434.00, 0.00, 9.30

LOCATION L0003705	VOLUME	482480.355	3734051.064	433.00
LOCATION L0003706	VOLUME	482481.279	3734031.085	433.00
LOCATION L0003707	VOLUME	482482.203	3734011.106	433.20
LOCATION L0003708	VOLUME	482483.126	3733991.128	433.44
LOCATION L0003709	VOLUME	482484.050	3733971.149	433.47
LOCATION L0003710	VOLUME	482486.648	3733951.331	433.55
LOCATION L0003711	VOLUME	482489.533	3733931.540	433.65
LOCATION L0003712	VOLUME	482492.465	3733911.758	433.75
LOCATION L0003713	VOLUME	482496.694	3733892.210	433.94
LOCATION L0003714	VOLUME	482500.923	3733872.662	434.00
LOCATION L0003715	VOLUME	482506.542	3733853.499	434.00
LOCATION L0003716	VOLUME	482512.968	3733834.559	434.00
LOCATION L0003717	VOLUME	482519.393	3733815.620	434.00
LOCATION L0003718	VOLUME	482525.819	3733796.680	434.00
LOCATION L0003719	VOLUME	482532.244	3733777.740	434.00
LOCATION L0003720	VOLUME	482538.670	3733758.800	434.00
LOCATION L0003721	VOLUME	482545.095	3733739.861	434.00
LOCATION L0003722	VOLUME	482551.521	3733720.921	434.00
LOCATION L0003723	VOLUME	482557.946	3733701.981	434.00

** End of LINE VOLUME Source ID = SLINE2
** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10
** DESCRSRC Onramp Offsite Onroad
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.8383E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 482479.894, 3734061.053, 433.00, 3.49, 4.00
** 482484.184, 3733968.235, 433.38, 3.49, 4.00
** 482492.314, 3733912.455, 433.87, 3.49, 4.00

** 482502.477, 3733865.481, 434.00, 3.49, 4.00
** 482562.774, 3733687.750, 434.00, 3.49, 4.00

** -----

LOCATION	VOLUME				
L0004202	482480.092	3734056.762	433.00		
L0004203	482480.489	3734048.182	433.00		
L0004204	482480.885	3734039.601	433.00		
L0004205	482481.282	3734031.020	433.00		
L0004206	482481.679	3734022.439	433.05		
L0004207	482482.075	3734013.858	433.16		
L0004208	482482.472	3734005.277	433.29		
L0004209	482482.869	3733996.697	433.42		
L0004210	482483.265	3733988.116	433.44		
L0004211	482483.662	3733979.535	433.45		
L0004212	482484.059	3733970.954	433.47		
L0004213	482485.031	3733962.428	433.50		
L0004214	482486.270	3733953.928	433.54		
L0004215	482487.509	3733945.428	433.58		
L0004216	482488.747	3733936.928	433.62		
L0004217	482489.986	3733928.428	433.66		
L0004218	482491.225	3733919.927	433.71		
L0004219	482492.534	3733911.440	433.75		
L0004220	482494.350	3733903.044	433.83		
L0004221	482496.167	3733894.648	433.92		
L0004222	482497.983	3733886.253	433.98		
L0004223	482499.799	3733877.857	434.00		
L0004224	482501.616	3733869.461	434.00		
L0004225	482503.928	3733861.203	434.00		
L0004226	482506.688	3733853.068	434.00		
L0004227	482509.448	3733844.933	434.00		
L0004228	482512.208	3733836.799	434.00		
L0004229	482514.968	3733828.664	434.00		
L0004230	482517.727	3733820.530	434.00		
L0004231	482520.487	3733812.395	434.00		
L0004232	482523.247	3733804.260	434.00		
L0004233	482526.007	3733796.126	434.00		
L0004234	482528.766	3733787.991	434.00		
L0004235	482531.526	3733779.857	434.00		
L0004236	482534.286	3733771.722	434.00		
L0004237	482537.046	3733763.587	434.00		
L0004238	482539.805	3733755.453	434.00		
L0004239	482542.565	3733747.318	434.00		
L0004240	482545.325	3733739.184	434.00		
L0004241	482548.085	3733731.049	434.00		
L0004242	482550.845	3733722.914	434.00		
L0004243	482553.604	3733714.780	434.00		
L0004244	482556.364	3733706.645	434.00		
L0004245	482559.124	3733698.511	434.00		
L0004246	482561.884	3733690.376	434.00		

** End of LINE VOLUME Source ID = SLINE10

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Offramp Offsite Construction

** PREFIX

** Length of Side = 20.00

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Elevated

** Vertical Dimension = 5.00

** SZINIT = 1.16

** Nodes = 5

** 482481.124, 3733268.879, 434.00, 0.00, 9.30

** 482496.719, 3733433.194, 434.00, 0.00, 9.30

** 482503.721, 3733474.524, 434.00, 0.00, 9.30

** 482521.789, 3733539.795, 434.00, 0.00, 9.30

** 482570.121, 3733659.947, 434.00, 0.00, 9.30

```
** -----
LOCATION L0006334    VOLUME  482482.069 3733278.834 434.00
LOCATION L0006335    VOLUME  482483.959 3733298.745 434.00
LOCATION L0006336    VOLUME  482485.849 3733318.655 434.00
LOCATION L0006337    VOLUME  482487.738 3733338.566 434.00
LOCATION L0006338    VOLUME  482489.628 3733358.476 434.00
LOCATION L0006339    VOLUME  482491.518 3733378.387 434.00
LOCATION L0006340    VOLUME  482493.407 3733398.297 434.00
LOCATION L0006341    VOLUME  482495.297 3733418.208 434.00
LOCATION L0006342    VOLUME  482497.546 3733438.071 434.00
LOCATION L0006343    VOLUME  482500.886 3733457.790 434.00
LOCATION L0006344    VOLUME  482504.529 3733477.442 434.00
LOCATION L0006345    VOLUME  482509.864 3733496.717 434.00
LOCATION L0006346    VOLUME  482515.200 3733515.992 434.00
LOCATION L0006347    VOLUME  482520.536 3733535.267 434.00
LOCATION L0006348    VOLUME  482527.500 3733553.992 434.00
LOCATION L0006349    VOLUME  482534.963 3733572.547 434.00
LOCATION L0006350    VOLUME  482542.427 3733591.102 434.00
LOCATION L0006351    VOLUME  482549.891 3733609.657 434.00
LOCATION L0006352    VOLUME  482557.355 3733628.212 434.00
LOCATION L0006353    VOLUME  482564.819 3733646.767 434.00
```

```
** End of LINE VOLUME Source ID = SLINE3
```

```
** -----
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = SLINE11
```

```
** DESCRSRC Offramp Offsite Onroad
```

```
** PREFIX
```

```
** Length of Side = 8.59
```

```
** Configuration = Adjacent
```

```
** Emission Rate = 1.8383E-06
```

```
** Vertical Dimension = 6.99
```

```
** SZINIT = 3.25
```

```
** Nodes = 5
```

```
** 482481.124, 3733268.879, 434.00, 3.49, 4.00
```

```
** 482496.719, 3733433.194, 434.00, 3.49, 4.00
```

```
** 482503.721, 3733474.524, 434.00, 3.49, 4.00
```

```
** 482521.789, 3733539.795, 434.00, 3.49, 4.00
```

```
** 482570.121, 3733659.947, 434.00, 3.49, 4.00
```

```
** -----
LOCATION L0004266    VOLUME  482481.530 3733273.155 434.00
LOCATION L0004267    VOLUME  482482.342 3733281.706 434.00
LOCATION L0004268    VOLUME  482483.153 3733290.258 434.00
LOCATION L0004269    VOLUME  482483.965 3733298.809 434.00
LOCATION L0004270    VOLUME  482484.777 3733307.361 434.00
LOCATION L0004271    VOLUME  482485.588 3733315.913 434.00
LOCATION L0004272    VOLUME  482486.400 3733324.464 434.00
LOCATION L0004273    VOLUME  482487.212 3733333.016 434.00
LOCATION L0004274    VOLUME  482488.023 3733341.567 434.00
LOCATION L0004275    VOLUME  482488.835 3733350.119 434.00
LOCATION L0004276    VOLUME  482489.646 3733358.670 434.00
LOCATION L0004277    VOLUME  482490.458 3733367.222 434.00
LOCATION L0004278    VOLUME  482491.270 3733375.774 434.00
LOCATION L0004279    VOLUME  482492.081 3733384.325 434.00
LOCATION L0004280    VOLUME  482492.893 3733392.877 434.00
LOCATION L0004281    VOLUME  482493.705 3733401.428 434.00
LOCATION L0004282    VOLUME  482494.516 3733409.980 434.00
LOCATION L0004283    VOLUME  482495.328 3733418.531 434.00
LOCATION L0004284    VOLUME  482496.140 3733427.083 434.00
LOCATION L0004285    VOLUME  482497.129 3733435.611 434.00
LOCATION L0004286    VOLUME  482498.564 3733444.080 434.00
LOCATION L0004287    VOLUME  482499.998 3733452.550 434.00
LOCATION L0004288    VOLUME  482501.433 3733461.019 434.00
LOCATION L0004289    VOLUME  482502.868 3733469.488 434.00
LOCATION L0004290    VOLUME  482504.650 3733477.881 434.00
LOCATION L0004291    VOLUME  482506.942 3733486.159 434.00
LOCATION L0004292    VOLUME  482509.233 3733494.438 434.00
```

LOCATION	L0004293	VOLUME	482511.525	3733502.717	434.00
LOCATION	L0004294	VOLUME	482513.817	3733510.995	434.00
LOCATION	L0004295	VOLUME	482516.108	3733519.274	434.00
LOCATION	L0004296	VOLUME	482518.400	3733527.553	434.00
LOCATION	L0004297	VOLUME	482520.692	3733535.831	434.00
LOCATION	L0004298	VOLUME	482523.460	3733543.949	434.00
LOCATION	L0004299	VOLUME	482526.665	3733551.918	434.00
LOCATION	L0004300	VOLUME	482529.871	3733559.887	434.00
LOCATION	L0004301	VOLUME	482533.077	3733567.857	434.00
LOCATION	L0004302	VOLUME	482536.283	3733575.826	434.00
LOCATION	L0004303	VOLUME	482539.488	3733583.796	434.00
LOCATION	L0004304	VOLUME	482542.694	3733591.765	434.00
LOCATION	L0004305	VOLUME	482545.900	3733599.734	434.00
LOCATION	L0004306	VOLUME	482549.106	3733607.704	434.00
LOCATION	L0004307	VOLUME	482552.311	3733615.673	434.00
LOCATION	L0004308	VOLUME	482555.517	3733623.643	434.00
LOCATION	L0004309	VOLUME	482558.723	3733631.612	434.00
LOCATION	L0004310	VOLUME	482561.929	3733639.581	434.00
LOCATION	L0004311	VOLUME	482565.134	3733647.551	434.00
LOCATION	L0004312	VOLUME	482568.340	3733655.520	434.00

** End of LINE VOLUME Source ID = SLINE11

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Ethanac Offsite Construction

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 2

** 482564.943, 3733673.837, 434.00, 0.00, 6.51

** 484089.507, 3733665.377, 440.00, 0.00, 6.51

**

LOCATION	L0006354	VOLUME	482571.943	3733673.798	434.00
LOCATION	L0006355	VOLUME	482585.943	3733673.720	434.00
LOCATION	L0006356	VOLUME	482599.942	3733673.642	434.00
LOCATION	L0006357	VOLUME	482613.942	3733673.565	434.00
LOCATION	L0006358	VOLUME	482627.942	3733673.487	434.00
LOCATION	L0006359	VOLUME	482641.942	3733673.409	434.00
LOCATION	L0006360	VOLUME	482655.942	3733673.332	434.00
LOCATION	L0006361	VOLUME	482669.941	3733673.254	434.00
LOCATION	L0006362	VOLUME	482683.941	3733673.176	434.00
LOCATION	L0006363	VOLUME	482697.941	3733673.099	434.00
LOCATION	L0006364	VOLUME	482711.941	3733673.021	434.00
LOCATION	L0006365	VOLUME	482725.941	3733672.943	434.00
LOCATION	L0006366	VOLUME	482739.940	3733672.866	434.00
LOCATION	L0006367	VOLUME	482753.940	3733672.788	434.10
LOCATION	L0006368	VOLUME	482767.940	3733672.710	434.21
LOCATION	L0006369	VOLUME	482781.940	3733672.632	434.53
LOCATION	L0006370	VOLUME	482795.939	3733672.555	434.89
LOCATION	L0006371	VOLUME	482809.939	3733672.477	435.00
LOCATION	L0006372	VOLUME	482823.939	3733672.399	435.00
LOCATION	L0006373	VOLUME	482837.939	3733672.322	435.00
LOCATION	L0006374	VOLUME	482851.939	3733672.244	435.00
LOCATION	L0006375	VOLUME	482865.938	3733672.166	435.00
LOCATION	L0006376	VOLUME	482879.938	3733672.089	435.00
LOCATION	L0006377	VOLUME	482893.938	3733672.011	435.00
LOCATION	L0006378	VOLUME	482907.938	3733671.933	435.00
LOCATION	L0006379	VOLUME	482921.937	3733671.856	435.00
LOCATION	L0006380	VOLUME	482935.937	3733671.778	435.00
LOCATION	L0006381	VOLUME	482949.937	3733671.700	435.00
LOCATION	L0006382	VOLUME	482963.937	3733671.623	435.00
LOCATION	L0006383	VOLUME	482977.937	3733671.545	435.00
LOCATION	L0006384	VOLUME	482991.936	3733671.467	435.00

LOCATION	L0006385	VOLUME	483005.936	3733671.390	435.00
LOCATION	L0006386	VOLUME	483019.936	3733671.312	435.00
LOCATION	L0006387	VOLUME	483033.936	3733671.234	435.00
LOCATION	L0006388	VOLUME	483047.936	3733671.156	435.00
LOCATION	L0006389	VOLUME	483061.935	3733671.079	435.00
LOCATION	L0006390	VOLUME	483075.935	3733671.001	435.00
LOCATION	L0006391	VOLUME	483089.935	3733670.923	435.00
LOCATION	L0006392	VOLUME	483103.935	3733670.846	435.00
LOCATION	L0006393	VOLUME	483117.934	3733670.768	435.00
LOCATION	L0006394	VOLUME	483131.934	3733670.690	435.06
LOCATION	L0006395	VOLUME	483145.934	3733670.613	435.53
LOCATION	L0006396	VOLUME	483159.934	3733670.535	436.00
LOCATION	L0006397	VOLUME	483173.934	3733670.457	436.00
LOCATION	L0006398	VOLUME	483187.933	3733670.380	436.00
LOCATION	L0006399	VOLUME	483201.933	3733670.302	436.00
LOCATION	L0006400	VOLUME	483215.933	3733670.224	436.00
LOCATION	L0006401	VOLUME	483229.933	3733670.147	436.00
LOCATION	L0006402	VOLUME	483243.933	3733670.069	436.00
LOCATION	L0006403	VOLUME	483257.932	3733669.991	436.00
LOCATION	L0006404	VOLUME	483271.932	3733669.914	436.00
LOCATION	L0006405	VOLUME	483285.932	3733669.836	436.00
LOCATION	L0006406	VOLUME	483299.932	3733669.758	436.00
LOCATION	L0006407	VOLUME	483313.931	3733669.681	436.00
LOCATION	L0006408	VOLUME	483327.931	3733669.603	436.00
LOCATION	L0006409	VOLUME	483341.931	3733669.525	436.00
LOCATION	L0006410	VOLUME	483355.931	3733669.447	436.00
LOCATION	L0006411	VOLUME	483369.931	3733669.370	436.00
LOCATION	L0006412	VOLUME	483383.930	3733669.292	436.46
LOCATION	L0006413	VOLUME	483397.930	3733669.214	436.93
LOCATION	L0006414	VOLUME	483411.930	3733669.137	437.00
LOCATION	L0006415	VOLUME	483425.930	3733669.059	437.00
LOCATION	L0006416	VOLUME	483439.930	3733668.981	437.00
LOCATION	L0006417	VOLUME	483453.929	3733668.904	437.00
LOCATION	L0006418	VOLUME	483467.929	3733668.826	437.00
LOCATION	L0006419	VOLUME	483481.929	3733668.748	437.00
LOCATION	L0006420	VOLUME	483495.929	3733668.671	437.00
LOCATION	L0006421	VOLUME	483509.928	3733668.593	437.00
LOCATION	L0006422	VOLUME	483523.928	3733668.515	437.00
LOCATION	L0006423	VOLUME	483537.928	3733668.438	437.00
LOCATION	L0006424	VOLUME	483551.928	3733668.360	437.00
LOCATION	L0006425	VOLUME	483565.928	3733668.282	437.00
LOCATION	L0006426	VOLUME	483579.927	3733668.205	437.00
LOCATION	L0006427	VOLUME	483593.927	3733668.127	437.03
LOCATION	L0006428	VOLUME	483607.927	3733668.049	437.06
LOCATION	L0006429	VOLUME	483621.927	3733667.972	437.43
LOCATION	L0006430	VOLUME	483635.926	3733667.894	437.87
LOCATION	L0006431	VOLUME	483649.926	3733667.816	438.00
LOCATION	L0006432	VOLUME	483663.926	3733667.738	438.00
LOCATION	L0006433	VOLUME	483677.926	3733667.661	438.00
LOCATION	L0006434	VOLUME	483691.926	3733667.583	438.00
LOCATION	L0006435	VOLUME	483705.925	3733667.505	438.00
LOCATION	L0006436	VOLUME	483719.925	3733667.428	438.00
LOCATION	L0006437	VOLUME	483733.925	3733667.350	438.00
LOCATION	L0006438	VOLUME	483747.925	3733667.272	438.00
LOCATION	L0006439	VOLUME	483761.925	3733667.195	438.00
LOCATION	L0006440	VOLUME	483775.924	3733667.117	438.00
LOCATION	L0006441	VOLUME	483789.924	3733667.039	438.00
LOCATION	L0006442	VOLUME	483803.924	3733666.962	438.00
LOCATION	L0006443	VOLUME	483817.924	3733666.884	438.00
LOCATION	L0006444	VOLUME	483831.923	3733666.806	438.39
LOCATION	L0006445	VOLUME	483845.923	3733666.729	438.86
LOCATION	L0006446	VOLUME	483859.923	3733666.651	439.00
LOCATION	L0006447	VOLUME	483873.923	3733666.573	439.00
LOCATION	L0006448	VOLUME	483887.923	3733666.496	439.00
LOCATION	L0006449	VOLUME	483901.922	3733666.418	439.00
LOCATION	L0006450	VOLUME	483915.922	3733666.340	439.00

LOCATION	L0006451	VOLUME	483929.922	3733666.262	439.00
LOCATION	L0006452	VOLUME	483943.922	3733666.185	439.00
LOCATION	L0006453	VOLUME	483957.922	3733666.107	439.00
LOCATION	L0006454	VOLUME	483971.921	3733666.029	439.00
LOCATION	L0006455	VOLUME	483985.921	3733665.952	439.00
LOCATION	L0006456	VOLUME	483999.921	3733665.874	439.00
LOCATION	L0006457	VOLUME	484013.921	3733665.796	439.46
LOCATION	L0006458	VOLUME	484027.920	3733665.719	439.93
LOCATION	L0006459	VOLUME	484041.920	3733665.641	440.00
LOCATION	L0006460	VOLUME	484055.920	3733665.563	440.00
LOCATION	L0006461	VOLUME	484069.920	3733665.486	440.00
LOCATION	L0006462	VOLUME	484083.920	3733665.408	440.00

** End of LINE VOLUME Source ID = SLINE4

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Ethanac Offsite Onroad

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482564.943, 3733673.837, 434.00, 3.49, 6.51

** 484089.507, 3733665.377, 440.00, 3.49, 6.51

**

LOCATION	L0005277	VOLUME	482571.943	3733673.798	434.00
LOCATION	L0005278	VOLUME	482585.943	3733673.720	434.00
LOCATION	L0005279	VOLUME	482599.942	3733673.642	434.00
LOCATION	L0005280	VOLUME	482613.942	3733673.565	434.00
LOCATION	L0005281	VOLUME	482627.942	3733673.487	434.00
LOCATION	L0005282	VOLUME	482641.942	3733673.409	434.00
LOCATION	L0005283	VOLUME	482655.942	3733673.332	434.00
LOCATION	L0005284	VOLUME	482669.941	3733673.254	434.00
LOCATION	L0005285	VOLUME	482683.941	3733673.176	434.00
LOCATION	L0005286	VOLUME	482697.941	3733673.099	434.00
LOCATION	L0005287	VOLUME	482711.941	3733673.021	434.00
LOCATION	L0005288	VOLUME	482725.941	3733672.943	434.00
LOCATION	L0005289	VOLUME	482739.940	3733672.866	434.00
LOCATION	L0005290	VOLUME	482753.940	3733672.788	434.10
LOCATION	L0005291	VOLUME	482767.940	3733672.710	434.21
LOCATION	L0005292	VOLUME	482781.940	3733672.632	434.53
LOCATION	L0005293	VOLUME	482795.939	3733672.555	434.89
LOCATION	L0005294	VOLUME	482809.939	3733672.477	435.00
LOCATION	L0005295	VOLUME	482823.939	3733672.399	435.00
LOCATION	L0005296	VOLUME	482837.939	3733672.322	435.00
LOCATION	L0005297	VOLUME	482851.939	3733672.244	435.00
LOCATION	L0005298	VOLUME	482865.938	3733672.166	435.00
LOCATION	L0005299	VOLUME	482879.938	3733672.089	435.00
LOCATION	L0005300	VOLUME	482893.938	3733672.011	435.00
LOCATION	L0005301	VOLUME	482907.938	3733671.933	435.00
LOCATION	L0005302	VOLUME	482921.937	3733671.856	435.00
LOCATION	L0005303	VOLUME	482935.937	3733671.778	435.00
LOCATION	L0005304	VOLUME	482949.937	3733671.700	435.00
LOCATION	L0005305	VOLUME	482963.937	3733671.623	435.00
LOCATION	L0005306	VOLUME	482977.937	3733671.545	435.00
LOCATION	L0005307	VOLUME	482991.936	3733671.467	435.00
LOCATION	L0005308	VOLUME	483005.936	3733671.390	435.00
LOCATION	L0005309	VOLUME	483019.936	3733671.312	435.00
LOCATION	L0005310	VOLUME	483033.936	3733671.234	435.00
LOCATION	L0005311	VOLUME	483047.936	3733671.156	435.00
LOCATION	L0005312	VOLUME	483061.935	3733671.079	435.00
LOCATION	L0005313	VOLUME	483075.935	3733671.001	435.00
LOCATION	L0005314	VOLUME	483089.935	3733670.923	435.00
LOCATION	L0005315	VOLUME	483103.935	3733670.846	435.00

LOCATION	L0005316	VOLUME	483117.934	3733670.768	435.00
LOCATION	L0005317	VOLUME	483131.934	3733670.690	435.06
LOCATION	L0005318	VOLUME	483145.934	3733670.613	435.53
LOCATION	L0005319	VOLUME	483159.934	3733670.535	436.00
LOCATION	L0005320	VOLUME	483173.934	3733670.457	436.00
LOCATION	L0005321	VOLUME	483187.933	3733670.380	436.00
LOCATION	L0005322	VOLUME	483201.933	3733670.302	436.00
LOCATION	L0005323	VOLUME	483215.933	3733670.224	436.00
LOCATION	L0005324	VOLUME	483229.933	3733670.147	436.00
LOCATION	L0005325	VOLUME	483243.933	3733670.069	436.00
LOCATION	L0005326	VOLUME	483257.932	3733669.991	436.00
LOCATION	L0005327	VOLUME	483271.932	3733669.914	436.00
LOCATION	L0005328	VOLUME	483285.932	3733669.836	436.00
LOCATION	L0005329	VOLUME	483299.932	3733669.758	436.00
LOCATION	L0005330	VOLUME	483313.931	3733669.681	436.00
LOCATION	L0005331	VOLUME	483327.931	3733669.603	436.00
LOCATION	L0005332	VOLUME	483341.931	3733669.525	436.00
LOCATION	L0005333	VOLUME	483355.931	3733669.447	436.00
LOCATION	L0005334	VOLUME	483369.931	3733669.370	436.00
LOCATION	L0005335	VOLUME	483383.930	3733669.292	436.46
LOCATION	L0005336	VOLUME	483397.930	3733669.214	436.93
LOCATION	L0005337	VOLUME	483411.930	3733669.137	437.00
LOCATION	L0005338	VOLUME	483425.930	3733669.059	437.00
LOCATION	L0005339	VOLUME	483439.930	3733668.981	437.00
LOCATION	L0005340	VOLUME	483453.929	3733668.904	437.00
LOCATION	L0005341	VOLUME	483467.929	3733668.826	437.00
LOCATION	L0005342	VOLUME	483481.929	3733668.748	437.00
LOCATION	L0005343	VOLUME	483495.929	3733668.671	437.00
LOCATION	L0005344	VOLUME	483509.928	3733668.593	437.00
LOCATION	L0005345	VOLUME	483523.928	3733668.515	437.00
LOCATION	L0005346	VOLUME	483537.928	3733668.438	437.00
LOCATION	L0005347	VOLUME	483551.928	3733668.360	437.00
LOCATION	L0005348	VOLUME	483565.928	3733668.282	437.00
LOCATION	L0005349	VOLUME	483579.927	3733668.205	437.00
LOCATION	L0005350	VOLUME	483593.927	3733668.127	437.03
LOCATION	L0005351	VOLUME	483607.927	3733668.049	437.06
LOCATION	L0005352	VOLUME	483621.927	3733667.972	437.43
LOCATION	L0005353	VOLUME	483635.926	3733667.894	437.87
LOCATION	L0005354	VOLUME	483649.926	3733667.816	438.00
LOCATION	L0005355	VOLUME	483663.926	3733667.738	438.00
LOCATION	L0005356	VOLUME	483677.926	3733667.661	438.00
LOCATION	L0005357	VOLUME	483691.926	3733667.583	438.00
LOCATION	L0005358	VOLUME	483705.925	3733667.505	438.00
LOCATION	L0005359	VOLUME	483719.925	3733667.428	438.00
LOCATION	L0005360	VOLUME	483733.925	3733667.350	438.00
LOCATION	L0005361	VOLUME	483747.925	3733667.272	438.00
LOCATION	L0005362	VOLUME	483761.925	3733667.195	438.00
LOCATION	L0005363	VOLUME	483775.924	3733667.117	438.00
LOCATION	L0005364	VOLUME	483789.924	3733667.039	438.00
LOCATION	L0005365	VOLUME	483803.924	3733666.962	438.00
LOCATION	L0005366	VOLUME	483817.924	3733666.884	438.00
LOCATION	L0005367	VOLUME	483831.923	3733666.806	438.39
LOCATION	L0005368	VOLUME	483845.923	3733666.729	438.86
LOCATION	L0005369	VOLUME	483859.923	3733666.651	439.00
LOCATION	L0005370	VOLUME	483873.923	3733666.573	439.00
LOCATION	L0005371	VOLUME	483887.923	3733666.496	439.00
LOCATION	L0005372	VOLUME	483901.922	3733666.418	439.00
LOCATION	L0005373	VOLUME	483915.922	3733666.340	439.00
LOCATION	L0005374	VOLUME	483929.922	3733666.262	439.00
LOCATION	L0005375	VOLUME	483943.922	3733666.185	439.00
LOCATION	L0005376	VOLUME	483957.922	3733666.107	439.00
LOCATION	L0005377	VOLUME	483971.921	3733666.029	439.00
LOCATION	L0005378	VOLUME	483985.921	3733665.952	439.00
LOCATION	L0005379	VOLUME	483999.921	3733665.874	439.00
LOCATION	L0005380	VOLUME	484013.921	3733665.796	439.46
LOCATION	L0005381	VOLUME	484027.920	3733665.719	439.93

LOCATION	L0005382	VOLUME	484041.920	3733665.641	440.00
LOCATION	L0005383	VOLUME	484055.920	3733665.563	440.00
LOCATION	L0005384	VOLUME	484069.920	3733665.486	440.00
LOCATION	L0005385	VOLUME	484083.920	3733665.408	440.00

** End of LINE VOLUME Source ID = SLINE12

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Trumble Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 2

** 482876.965, 3733664.805, 435.00, 0.00, 4.00

** 482884.407, 3732863.446, 435.00, 0.00, 4.00

**

LOCATION	L0006463	VOLUME	482877.005	3733660.510	435.00
LOCATION	L0006464	VOLUME	482877.085	3733651.920	435.00
LOCATION	L0006465	VOLUME	482877.164	3733643.331	435.00
LOCATION	L0006466	VOLUME	482877.244	3733634.741	435.00
LOCATION	L0006467	VOLUME	482877.324	3733626.152	435.00
LOCATION	L0006468	VOLUME	482877.404	3733617.562	435.00
LOCATION	L0006469	VOLUME	482877.484	3733608.972	435.00
LOCATION	L0006470	VOLUME	482877.563	3733600.383	435.00
LOCATION	L0006471	VOLUME	482877.643	3733591.793	435.00
LOCATION	L0006472	VOLUME	482877.723	3733583.203	435.00
LOCATION	L0006473	VOLUME	482877.803	3733574.614	435.00
LOCATION	L0006474	VOLUME	482877.882	3733566.024	435.00
LOCATION	L0006475	VOLUME	482877.962	3733557.435	435.00
LOCATION	L0006476	VOLUME	482878.042	3733548.845	435.00
LOCATION	L0006477	VOLUME	482878.122	3733540.255	435.00
LOCATION	L0006478	VOLUME	482878.201	3733531.666	435.00
LOCATION	L0006479	VOLUME	482878.281	3733523.076	435.00
LOCATION	L0006480	VOLUME	482878.361	3733514.486	435.00
LOCATION	L0006481	VOLUME	482878.441	3733505.897	435.00
LOCATION	L0006482	VOLUME	482878.521	3733497.307	435.00
LOCATION	L0006483	VOLUME	482878.600	3733488.717	435.00
LOCATION	L0006484	VOLUME	482878.680	3733480.128	435.00
LOCATION	L0006485	VOLUME	482878.760	3733471.538	435.00
LOCATION	L0006486	VOLUME	482878.840	3733462.949	435.00
LOCATION	L0006487	VOLUME	482878.919	3733454.359	435.00
LOCATION	L0006488	VOLUME	482878.999	3733445.769	435.00
LOCATION	L0006489	VOLUME	482879.079	3733437.180	435.00
LOCATION	L0006490	VOLUME	482879.159	3733428.590	435.00
LOCATION	L0006491	VOLUME	482879.239	3733420.000	435.00
LOCATION	L0006492	VOLUME	482879.318	3733411.411	435.00
LOCATION	L0006493	VOLUME	482879.398	3733402.821	435.00
LOCATION	L0006494	VOLUME	482879.478	3733394.232	435.00
LOCATION	L0006495	VOLUME	482879.558	3733385.642	435.00
LOCATION	L0006496	VOLUME	482879.637	3733377.052	435.00
LOCATION	L0006497	VOLUME	482879.717	3733368.463	435.00
LOCATION	L0006498	VOLUME	482879.797	3733359.873	435.00
LOCATION	L0006499	VOLUME	482879.877	3733351.283	435.00
LOCATION	L0006500	VOLUME	482879.956	3733342.694	435.00
LOCATION	L0006501	VOLUME	482880.036	3733334.104	435.00
LOCATION	L0006502	VOLUME	482880.116	3733325.515	435.00
LOCATION	L0006503	VOLUME	482880.196	3733316.925	435.00
LOCATION	L0006504	VOLUME	482880.276	3733308.335	435.00
LOCATION	L0006505	VOLUME	482880.355	3733299.746	435.00
LOCATION	L0006506	VOLUME	482880.435	3733291.156	435.00
LOCATION	L0006507	VOLUME	482880.515	3733282.566	435.00
LOCATION	L0006508	VOLUME	482880.595	3733273.977	435.00
LOCATION	L0006509	VOLUME	482880.674	3733265.387	435.00

LOCATION	VOLUME			
L0006510	482880.754	3733256.797	435.00	
L0006511	482880.834	3733248.208	435.00	
L0006512	482880.914	3733239.618	435.00	
L0006513	482880.993	3733231.029	435.00	
L0006514	482881.073	3733222.439	435.00	
L0006515	482881.153	3733213.849	435.00	
L0006516	482881.233	3733205.260	435.00	
L0006517	482881.313	3733196.670	435.00	
L0006518	482881.392	3733188.080	435.00	
L0006519	482881.472	3733179.491	435.00	
L0006520	482881.552	3733170.901	435.00	
L0006521	482881.632	3733162.312	435.00	
L0006522	482881.711	3733153.722	435.00	
L0006523	482881.791	3733145.132	435.00	
L0006524	482881.871	3733136.543	435.00	
L0006525	482881.951	3733127.953	435.00	
L0006526	482882.031	3733119.363	435.00	
L0006527	482882.110	3733110.774	435.00	
L0006528	482882.190	3733102.184	435.00	
L0006529	482882.270	3733093.595	435.00	
L0006530	482882.350	3733085.005	435.00	
L0006531	482882.429	3733076.415	435.00	
L0006532	482882.509	3733067.826	435.00	
L0006533	482882.589	3733059.236	435.00	
L0006534	482882.669	3733050.646	435.00	
L0006535	482882.748	3733042.057	435.00	
L0006536	482882.828	3733033.467	435.00	
L0006537	482882.908	3733024.877	435.00	
L0006538	482882.988	3733016.288	435.00	
L0006539	482883.068	3733007.698	435.00	
L0006540	482883.147	3732999.109	435.00	
L0006541	482883.227	3732990.519	435.00	
L0006542	482883.307	3732981.929	435.00	
L0006543	482883.387	3732973.340	435.00	
L0006544	482883.466	3732964.750	435.00	
L0006545	482883.546	3732956.160	435.00	
L0006546	482883.626	3732947.571	435.00	
L0006547	482883.706	3732938.981	435.00	
L0006548	482883.785	3732930.392	435.00	
L0006549	482883.865	3732921.802	435.00	
L0006550	482883.945	3732913.212	435.00	
L0006551	482884.025	3732904.623	435.00	
L0006552	482884.105	3732896.033	435.00	
L0006553	482884.184	3732887.443	435.00	
L0006554	482884.264	3732878.854	435.00	
L0006555	482884.344	3732870.264	435.00	

** End of LINE VOLUME Source ID = SLINE6

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Trumble Offsite Onroad

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482876.965, 3733664.805, 435.00, 3.49, 4.00

** 482884.407, 3732863.446, 435.00, 3.49, 4.00

**

LOCATION L0006556	VOLUME 482877.005	3733660.510	435.00	
LOCATION L0006557	VOLUME 482877.085	3733651.920	435.00	
LOCATION L0006558	VOLUME 482877.164	3733643.331	435.00	
LOCATION L0006559	VOLUME 482877.244	3733634.741	435.00	
LOCATION L0006560	VOLUME 482877.324	3733626.152	435.00	

LOCATION	L0006561	VOLUME	482877.404	3733617.562	435.00
LOCATION	L0006562	VOLUME	482877.484	3733608.972	435.00
LOCATION	L0006563	VOLUME	482877.563	3733600.383	435.00
LOCATION	L0006564	VOLUME	482877.643	3733591.793	435.00
LOCATION	L0006565	VOLUME	482877.723	3733583.203	435.00
LOCATION	L0006566	VOLUME	482877.803	3733574.614	435.00
LOCATION	L0006567	VOLUME	482877.882	3733566.024	435.00
LOCATION	L0006568	VOLUME	482877.962	3733557.435	435.00
LOCATION	L0006569	VOLUME	482878.042	3733548.845	435.00
LOCATION	L0006570	VOLUME	482878.122	3733540.255	435.00
LOCATION	L0006571	VOLUME	482878.201	3733531.666	435.00
LOCATION	L0006572	VOLUME	482878.281	3733523.076	435.00
LOCATION	L0006573	VOLUME	482878.361	3733514.486	435.00
LOCATION	L0006574	VOLUME	482878.441	3733505.897	435.00
LOCATION	L0006575	VOLUME	482878.521	3733497.307	435.00
LOCATION	L0006576	VOLUME	482878.600	3733488.717	435.00
LOCATION	L0006577	VOLUME	482878.680	3733480.128	435.00
LOCATION	L0006578	VOLUME	482878.760	3733471.538	435.00
LOCATION	L0006579	VOLUME	482878.840	3733462.949	435.00
LOCATION	L0006580	VOLUME	482878.919	3733454.359	435.00
LOCATION	L0006581	VOLUME	482878.999	3733445.769	435.00
LOCATION	L0006582	VOLUME	482879.079	3733437.180	435.00
LOCATION	L0006583	VOLUME	482879.159	3733428.590	435.00
LOCATION	L0006584	VOLUME	482879.239	3733420.000	435.00
LOCATION	L0006585	VOLUME	482879.318	3733411.411	435.00
LOCATION	L0006586	VOLUME	482879.398	3733402.821	435.00
LOCATION	L0006587	VOLUME	482879.478	3733394.232	435.00
LOCATION	L0006588	VOLUME	482879.558	3733385.642	435.00
LOCATION	L0006589	VOLUME	482879.637	3733377.052	435.00
LOCATION	L0006590	VOLUME	482879.717	3733368.463	435.00
LOCATION	L0006591	VOLUME	482879.797	3733359.873	435.00
LOCATION	L0006592	VOLUME	482879.877	3733351.283	435.00
LOCATION	L0006593	VOLUME	482879.956	3733342.694	435.00
LOCATION	L0006594	VOLUME	482880.036	3733334.104	435.00
LOCATION	L0006595	VOLUME	482880.116	3733325.515	435.00
LOCATION	L0006596	VOLUME	482880.196	3733316.925	435.00
LOCATION	L0006597	VOLUME	482880.276	3733308.335	435.00
LOCATION	L0006598	VOLUME	482880.355	3733299.746	435.00
LOCATION	L0006599	VOLUME	482880.435	3733291.156	435.00
LOCATION	L0006600	VOLUME	482880.515	3733282.566	435.00
LOCATION	L0006601	VOLUME	482880.595	3733273.977	435.00
LOCATION	L0006602	VOLUME	482880.674	3733265.387	435.00
LOCATION	L0006603	VOLUME	482880.754	3733256.797	435.00
LOCATION	L0006604	VOLUME	482880.834	3733248.208	435.00
LOCATION	L0006605	VOLUME	482880.914	3733239.618	435.00
LOCATION	L0006606	VOLUME	482880.993	3733231.029	435.00
LOCATION	L0006607	VOLUME	482881.073	3733222.439	435.00
LOCATION	L0006608	VOLUME	482881.153	3733213.849	435.00
LOCATION	L0006609	VOLUME	482881.233	3733205.260	435.00
LOCATION	L0006610	VOLUME	482881.313	3733196.670	435.00
LOCATION	L0006611	VOLUME	482881.392	3733188.080	435.00
LOCATION	L0006612	VOLUME	482881.472	3733179.491	435.00
LOCATION	L0006613	VOLUME	482881.552	3733170.901	435.00
LOCATION	L0006614	VOLUME	482881.632	3733162.312	435.00
LOCATION	L0006615	VOLUME	482881.711	3733153.722	435.00
LOCATION	L0006616	VOLUME	482881.791	3733145.132	435.00
LOCATION	L0006617	VOLUME	482881.871	3733136.543	435.00
LOCATION	L0006618	VOLUME	482881.951	3733127.953	435.00
LOCATION	L0006619	VOLUME	482882.031	3733119.363	435.00
LOCATION	L0006620	VOLUME	482882.110	3733110.774	435.00
LOCATION	L0006621	VOLUME	482882.190	3733102.184	435.00
LOCATION	L0006622	VOLUME	482882.270	3733093.595	435.00
LOCATION	L0006623	VOLUME	482882.350	3733085.005	435.00
LOCATION	L0006624	VOLUME	482882.429	3733076.415	435.00
LOCATION	L0006625	VOLUME	482882.509	3733067.826	435.00
LOCATION	L0006626	VOLUME	482882.589	3733059.236	435.00

LOCATION	L0006627	VOLUME	482882.669	3733050.646	435.00
LOCATION	L0006628	VOLUME	482882.748	3733042.057	435.00
LOCATION	L0006629	VOLUME	482882.828	3733033.467	435.00
LOCATION	L0006630	VOLUME	482882.908	3733024.877	435.00
LOCATION	L0006631	VOLUME	482882.988	3733016.288	435.00
LOCATION	L0006632	VOLUME	482883.068	3733007.698	435.00
LOCATION	L0006633	VOLUME	482883.147	3732999.109	435.00
LOCATION	L0006634	VOLUME	482883.227	3732990.519	435.00
LOCATION	L0006635	VOLUME	482883.307	3732981.929	435.00
LOCATION	L0006636	VOLUME	482883.387	3732973.340	435.00
LOCATION	L0006637	VOLUME	482883.466	3732964.750	435.00
LOCATION	L0006638	VOLUME	482883.546	3732956.160	435.00
LOCATION	L0006639	VOLUME	482883.626	3732947.571	435.00
LOCATION	L0006640	VOLUME	482883.706	3732938.981	435.00
LOCATION	L0006641	VOLUME	482883.785	3732930.392	435.00
LOCATION	L0006642	VOLUME	482883.865	3732921.802	435.00
LOCATION	L0006643	VOLUME	482883.945	3732913.212	435.00
LOCATION	L0006644	VOLUME	482884.025	3732904.623	435.00
LOCATION	L0006645	VOLUME	482884.105	3732896.033	435.00
LOCATION	L0006646	VOLUME	482884.184	3732887.443	435.00
LOCATION	L0006647	VOLUME	482884.264	3732878.854	435.00
LOCATION	L0006648	VOLUME	482884.344	3732870.264	435.00

** End of LINE VOLUME Source ID = SLINE13

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Mclaughlin Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 3

** 482892.651, 3732881.969, 435.00, 0.00, 4.00

** 483687.618, 3732874.922, 437.00, 0.00, 4.00

** 483689.028, 3733009.531, 437.00, 0.00, 4.00

**

LOCATION	L0006649	VOLUME	482896.945	3732881.931	435.00
LOCATION	L0006650	VOLUME	482905.535	3732881.855	435.00
LOCATION	L0006651	VOLUME	482914.125	3732881.779	435.00
LOCATION	L0006652	VOLUME	482922.714	3732881.703	435.00
LOCATION	L0006653	VOLUME	482931.304	3732881.627	435.00
LOCATION	L0006654	VOLUME	482939.894	3732881.551	435.00
LOCATION	L0006655	VOLUME	482948.483	3732881.474	435.00
LOCATION	L0006656	VOLUME	482957.073	3732881.398	435.00
LOCATION	L0006657	VOLUME	482965.663	3732881.322	435.00
LOCATION	L0006658	VOLUME	482974.252	3732881.246	435.00
LOCATION	L0006659	VOLUME	482982.842	3732881.170	435.00
LOCATION	L0006660	VOLUME	482991.432	3732881.094	435.00
LOCATION	L0006661	VOLUME	483000.021	3732881.018	435.00
LOCATION	L0006662	VOLUME	483008.611	3732880.941	435.00
LOCATION	L0006663	VOLUME	483017.201	3732880.865	435.00
LOCATION	L0006664	VOLUME	483025.790	3732880.789	435.00
LOCATION	L0006665	VOLUME	483034.380	3732880.713	435.00
LOCATION	L0006666	VOLUME	483042.970	3732880.637	435.10
LOCATION	L0006667	VOLUME	483051.559	3732880.561	435.38
LOCATION	L0006668	VOLUME	483060.149	3732880.485	435.67
LOCATION	L0006669	VOLUME	483068.739	3732880.408	435.96
LOCATION	L0006670	VOLUME	483077.328	3732880.332	436.00
LOCATION	L0006671	VOLUME	483085.918	3732880.256	436.00
LOCATION	L0006672	VOLUME	483094.508	3732880.180	436.00
LOCATION	L0006673	VOLUME	483103.097	3732880.104	436.00
LOCATION	L0006674	VOLUME	483111.687	3732880.028	436.00
LOCATION	L0006675	VOLUME	483120.277	3732879.951	436.00
LOCATION	L0006676	VOLUME	483128.866	3732879.875	436.00

LOCATION	L0006677	VOLUME	483137.456	3732879.799	436.00
LOCATION	L0006678	VOLUME	483146.046	3732879.723	436.00
LOCATION	L0006679	VOLUME	483154.635	3732879.647	436.00
LOCATION	L0006680	VOLUME	483163.225	3732879.571	436.00
LOCATION	L0006681	VOLUME	483171.815	3732879.495	436.00
LOCATION	L0006682	VOLUME	483180.404	3732879.418	436.00
LOCATION	L0006683	VOLUME	483188.994	3732879.342	436.00
LOCATION	L0006684	VOLUME	483197.584	3732879.266	436.00
LOCATION	L0006685	VOLUME	483206.173	3732879.190	436.00
LOCATION	L0006686	VOLUME	483214.763	3732879.114	436.00
LOCATION	L0006687	VOLUME	483223.353	3732879.038	436.00
LOCATION	L0006688	VOLUME	483231.942	3732878.962	436.00
LOCATION	L0006689	VOLUME	483240.532	3732878.885	436.00
LOCATION	L0006690	VOLUME	483249.122	3732878.809	436.00
LOCATION	L0006691	VOLUME	483257.711	3732878.733	436.00
LOCATION	L0006692	VOLUME	483266.301	3732878.657	436.00
LOCATION	L0006693	VOLUME	483274.891	3732878.581	436.00
LOCATION	L0006694	VOLUME	483283.480	3732878.505	436.00
LOCATION	L0006695	VOLUME	483292.070	3732878.428	436.00
LOCATION	L0006696	VOLUME	483300.659	3732878.352	436.00
LOCATION	L0006697	VOLUME	483309.249	3732878.276	436.00
LOCATION	L0006698	VOLUME	483317.839	3732878.200	436.00
LOCATION	L0006699	VOLUME	483326.428	3732878.124	436.00
LOCATION	L0006700	VOLUME	483335.018	3732878.048	436.00
LOCATION	L0006701	VOLUME	483343.608	3732877.972	436.00
LOCATION	L0006702	VOLUME	483352.197	3732877.895	436.00
LOCATION	L0006703	VOLUME	483360.787	3732877.819	436.00
LOCATION	L0006704	VOLUME	483369.377	3732877.743	436.00
LOCATION	L0006705	VOLUME	483377.966	3732877.667	436.07
LOCATION	L0006706	VOLUME	483386.556	3732877.591	436.15
LOCATION	L0006707	VOLUME	483395.146	3732877.515	436.24
LOCATION	L0006708	VOLUME	483403.735	3732877.439	436.37
LOCATION	L0006709	VOLUME	483412.325	3732877.362	436.58
LOCATION	L0006710	VOLUME	483420.915	3732877.286	436.78
LOCATION	L0006711	VOLUME	483429.504	3732877.210	436.99
LOCATION	L0006712	VOLUME	483438.094	3732877.134	437.00
LOCATION	L0006713	VOLUME	483446.684	3732877.058	437.00
LOCATION	L0006714	VOLUME	483455.273	3732876.982	437.00
LOCATION	L0006715	VOLUME	483463.863	3732876.905	437.00
LOCATION	L0006716	VOLUME	483472.453	3732876.829	437.00
LOCATION	L0006717	VOLUME	483481.042	3732876.753	437.00
LOCATION	L0006718	VOLUME	483489.632	3732876.677	437.00
LOCATION	L0006719	VOLUME	483498.222	3732876.601	437.00
LOCATION	L0006720	VOLUME	483506.811	3732876.525	437.00
LOCATION	L0006721	VOLUME	483515.401	3732876.449	437.00
LOCATION	L0006722	VOLUME	483523.991	3732876.372	437.00
LOCATION	L0006723	VOLUME	483532.580	3732876.296	437.00
LOCATION	L0006724	VOLUME	483541.170	3732876.220	437.00
LOCATION	L0006725	VOLUME	483549.760	3732876.144	437.00
LOCATION	L0006726	VOLUME	483558.349	3732876.068	437.00
LOCATION	L0006727	VOLUME	483566.939	3732875.992	437.00
LOCATION	L0006728	VOLUME	483575.529	3732875.916	437.00
LOCATION	L0006729	VOLUME	483584.118	3732875.839	437.00
LOCATION	L0006730	VOLUME	483592.708	3732875.763	437.00
LOCATION	L0006731	VOLUME	483601.298	3732875.687	437.00
LOCATION	L0006732	VOLUME	483609.887	3732875.611	437.00
LOCATION	L0006733	VOLUME	483618.477	3732875.535	437.00
LOCATION	L0006734	VOLUME	483627.067	3732875.459	437.00
LOCATION	L0006735	VOLUME	483635.656	3732875.383	437.00
LOCATION	L0006736	VOLUME	483644.246	3732875.306	437.00
LOCATION	L0006737	VOLUME	483652.836	3732875.230	437.00
LOCATION	L0006738	VOLUME	483661.425	3732875.154	437.00
LOCATION	L0006739	VOLUME	483670.015	3732875.078	437.00
LOCATION	L0006740	VOLUME	483678.605	3732875.002	437.00
LOCATION	L0006741	VOLUME	483687.194	3732874.926	437.00
LOCATION	L0006742	VOLUME	483687.704	3732883.088	437.00

LOCATION	L0006743	VOLUME	483687.793	3732891.677	437.00
LOCATION	L0006744	VOLUME	483687.883	3732900.267	437.00
LOCATION	L0006745	VOLUME	483687.973	3732908.856	437.00
LOCATION	L0006746	VOLUME	483688.063	3732917.446	437.00
LOCATION	L0006747	VOLUME	483688.153	3732926.035	437.00
LOCATION	L0006748	VOLUME	483688.243	3732934.625	437.00
LOCATION	L0006749	VOLUME	483688.333	3732943.214	437.00
LOCATION	L0006750	VOLUME	483688.423	3732951.804	437.00
LOCATION	L0006751	VOLUME	483688.513	3732960.393	437.00
LOCATION	L0006752	VOLUME	483688.603	3732968.983	437.00
LOCATION	L0006753	VOLUME	483688.693	3732977.572	437.00
LOCATION	L0006754	VOLUME	483688.783	3732986.162	437.00
LOCATION	L0006755	VOLUME	483688.873	3732994.752	437.00
LOCATION	L0006756	VOLUME	483688.963	3733003.341	437.00

** End of LINE VOLUME Source ID = SLINE7

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE14

** DESCRSRC Mclaughlin Offsite Onroad

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 482892.651, 3732881.969, 435.00, 3.49, 4.00

** 483687.618, 3732874.922, 437.00, 3.49, 4.00

** 483689.028, 3733009.531, 437.00, 3.49, 4.00

**

LOCATION	L0006757	VOLUME	482896.945	3732881.931	435.00
LOCATION	L0006758	VOLUME	482905.535	3732881.855	435.00
LOCATION	L0006759	VOLUME	482914.125	3732881.779	435.00
LOCATION	L0006760	VOLUME	482922.714	3732881.703	435.00
LOCATION	L0006761	VOLUME	482931.304	3732881.627	435.00
LOCATION	L0006762	VOLUME	482939.894	3732881.551	435.00
LOCATION	L0006763	VOLUME	482948.483	3732881.474	435.00
LOCATION	L0006764	VOLUME	482957.073	3732881.398	435.00
LOCATION	L0006765	VOLUME	482965.663	3732881.322	435.00
LOCATION	L0006766	VOLUME	482974.252	3732881.246	435.00
LOCATION	L0006767	VOLUME	482982.842	3732881.170	435.00
LOCATION	L0006768	VOLUME	482991.432	3732881.094	435.00
LOCATION	L0006769	VOLUME	483000.021	3732881.018	435.00
LOCATION	L0006770	VOLUME	483008.611	3732880.941	435.00
LOCATION	L0006771	VOLUME	483017.201	3732880.865	435.00
LOCATION	L0006772	VOLUME	483025.790	3732880.789	435.00
LOCATION	L0006773	VOLUME	483034.380	3732880.713	435.00
LOCATION	L0006774	VOLUME	483042.970	3732880.637	435.10
LOCATION	L0006775	VOLUME	483051.559	3732880.561	435.38
LOCATION	L0006776	VOLUME	483060.149	3732880.485	435.67
LOCATION	L0006777	VOLUME	483068.739	3732880.408	435.96
LOCATION	L0006778	VOLUME	483077.328	3732880.332	436.00
LOCATION	L0006779	VOLUME	483085.918	3732880.256	436.00
LOCATION	L0006780	VOLUME	483094.508	3732880.180	436.00
LOCATION	L0006781	VOLUME	483103.097	3732880.104	436.00
LOCATION	L0006782	VOLUME	483111.687	3732880.028	436.00
LOCATION	L0006783	VOLUME	483120.277	3732879.951	436.00
LOCATION	L0006784	VOLUME	483128.866	3732879.875	436.00
LOCATION	L0006785	VOLUME	483137.456	3732879.799	436.00
LOCATION	L0006786	VOLUME	483146.046	3732879.723	436.00
LOCATION	L0006787	VOLUME	483154.635	3732879.647	436.00
LOCATION	L0006788	VOLUME	483163.225	3732879.571	436.00
LOCATION	L0006789	VOLUME	483171.815	3732879.495	436.00
LOCATION	L0006790	VOLUME	483180.404	3732879.418	436.00
LOCATION	L0006791	VOLUME	483188.994	3732879.342	436.00
LOCATION	L0006792	VOLUME	483197.584	3732879.266	436.00

LOCATION	L0006793	VOLUME	483206.173	3732879.190	436.00
LOCATION	L0006794	VOLUME	483214.763	3732879.114	436.00
LOCATION	L0006795	VOLUME	483223.353	3732879.038	436.00
LOCATION	L0006796	VOLUME	483231.942	3732878.962	436.00
LOCATION	L0006797	VOLUME	483240.532	3732878.885	436.00
LOCATION	L0006798	VOLUME	483249.122	3732878.809	436.00
LOCATION	L0006799	VOLUME	483257.711	3732878.733	436.00
LOCATION	L0006800	VOLUME	483266.301	3732878.657	436.00
LOCATION	L0006801	VOLUME	483274.891	3732878.581	436.00
LOCATION	L0006802	VOLUME	483283.480	3732878.505	436.00
LOCATION	L0006803	VOLUME	483292.070	3732878.428	436.00
LOCATION	L0006804	VOLUME	483300.659	3732878.352	436.00
LOCATION	L0006805	VOLUME	483309.249	3732878.276	436.00
LOCATION	L0006806	VOLUME	483317.839	3732878.200	436.00
LOCATION	L0006807	VOLUME	483326.428	3732878.124	436.00
LOCATION	L0006808	VOLUME	483335.018	3732878.048	436.00
LOCATION	L0006809	VOLUME	483343.608	3732877.972	436.00
LOCATION	L0006810	VOLUME	483352.197	3732877.895	436.00
LOCATION	L0006811	VOLUME	483360.787	3732877.819	436.00
LOCATION	L0006812	VOLUME	483369.377	3732877.743	436.00
LOCATION	L0006813	VOLUME	483377.966	3732877.667	436.07
LOCATION	L0006814	VOLUME	483386.556	3732877.591	436.15
LOCATION	L0006815	VOLUME	483395.146	3732877.515	436.24
LOCATION	L0006816	VOLUME	483403.735	3732877.439	436.37
LOCATION	L0006817	VOLUME	483412.325	3732877.362	436.58
LOCATION	L0006818	VOLUME	483420.915	3732877.286	436.78
LOCATION	L0006819	VOLUME	483429.504	3732877.210	436.99
LOCATION	L0006820	VOLUME	483438.094	3732877.134	437.00
LOCATION	L0006821	VOLUME	483446.684	3732877.058	437.00
LOCATION	L0006822	VOLUME	483455.273	3732876.982	437.00
LOCATION	L0006823	VOLUME	483463.863	3732876.905	437.00
LOCATION	L0006824	VOLUME	483472.453	3732876.829	437.00
LOCATION	L0006825	VOLUME	483481.042	3732876.753	437.00
LOCATION	L0006826	VOLUME	483489.632	3732876.677	437.00
LOCATION	L0006827	VOLUME	483498.222	3732876.601	437.00
LOCATION	L0006828	VOLUME	483506.811	3732876.525	437.00
LOCATION	L0006829	VOLUME	483515.401	3732876.449	437.00
LOCATION	L0006830	VOLUME	483523.991	3732876.372	437.00
LOCATION	L0006831	VOLUME	483532.580	3732876.296	437.00
LOCATION	L0006832	VOLUME	483541.170	3732876.220	437.00
LOCATION	L0006833	VOLUME	483549.760	3732876.144	437.00
LOCATION	L0006834	VOLUME	483558.349	3732876.068	437.00
LOCATION	L0006835	VOLUME	483566.939	3732875.992	437.00
LOCATION	L0006836	VOLUME	483575.529	3732875.916	437.00
LOCATION	L0006837	VOLUME	483584.118	3732875.839	437.00
LOCATION	L0006838	VOLUME	483592.708	3732875.763	437.00
LOCATION	L0006839	VOLUME	483601.298	3732875.687	437.00
LOCATION	L0006840	VOLUME	483609.887	3732875.611	437.00
LOCATION	L0006841	VOLUME	483618.477	3732875.535	437.00
LOCATION	L0006842	VOLUME	483627.067	3732875.459	437.00
LOCATION	L0006843	VOLUME	483635.656	3732875.383	437.00
LOCATION	L0006844	VOLUME	483644.246	3732875.306	437.00
LOCATION	L0006845	VOLUME	483652.836	3732875.230	437.00
LOCATION	L0006846	VOLUME	483661.425	3732875.154	437.00
LOCATION	L0006847	VOLUME	483670.015	3732875.078	437.00
LOCATION	L0006848	VOLUME	483678.605	3732875.002	437.00
LOCATION	L0006849	VOLUME	483687.194	3732874.926	437.00
LOCATION	L0006850	VOLUME	483687.704	3732883.088	437.00
LOCATION	L0006851	VOLUME	483687.793	3732891.677	437.00
LOCATION	L0006852	VOLUME	483687.883	3732900.267	437.00
LOCATION	L0006853	VOLUME	483687.973	3732908.856	437.00
LOCATION	L0006854	VOLUME	483688.063	3732917.446	437.00
LOCATION	L0006855	VOLUME	483688.153	3732926.035	437.00
LOCATION	L0006856	VOLUME	483688.243	3732934.625	437.00
LOCATION	L0006857	VOLUME	483688.333	3732943.214	437.00
LOCATION	L0006858	VOLUME	483688.423	3732951.804	437.00

LOCATION	L0006859	VOLUME	483688.513	3732960.393	437.00
LOCATION	L0006860	VOLUME	483688.603	3732968.983	437.00
LOCATION	L0006861	VOLUME	483688.693	3732977.572	437.00
LOCATION	L0006862	VOLUME	483688.783	3732986.162	437.00
LOCATION	L0006863	VOLUME	483688.873	3732994.752	437.00
LOCATION	L0006864	VOLUME	483688.963	3733003.341	437.00

** End of LINE VOLUME Source ID = SLINE14

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Dawson Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 2

** 483689.028, 3733013.054, 437.00, 0.00, 4.00

** 483686.209, 3733658.613, 438.00, 0.00, 4.00

** -----

LOCATION	L0006865	VOLUME	483689.009	3733017.349	437.00
LOCATION	L0006866	VOLUME	483688.971	3733025.939	437.00
LOCATION	L0006867	VOLUME	483688.934	3733034.529	437.00
LOCATION	L0006868	VOLUME	483688.896	3733043.119	437.00
LOCATION	L0006869	VOLUME	483688.859	3733051.709	437.00
LOCATION	L0006870	VOLUME	483688.821	3733060.299	437.00
LOCATION	L0006871	VOLUME	483688.784	3733068.889	437.00
LOCATION	L0006872	VOLUME	483688.746	3733077.479	437.00
LOCATION	L0006873	VOLUME	483688.709	3733086.069	437.00
LOCATION	L0006874	VOLUME	483688.671	3733094.659	437.00
LOCATION	L0006875	VOLUME	483688.634	3733103.249	437.00
LOCATION	L0006876	VOLUME	483688.596	3733111.839	437.00
LOCATION	L0006877	VOLUME	483688.559	3733120.428	437.00
LOCATION	L0006878	VOLUME	483688.521	3733129.018	437.00
LOCATION	L0006879	VOLUME	483688.484	3733137.608	437.00
LOCATION	L0006880	VOLUME	483688.446	3733146.198	437.00
LOCATION	L0006881	VOLUME	483688.409	3733154.788	437.00
LOCATION	L0006882	VOLUME	483688.371	3733163.378	437.00
LOCATION	L0006883	VOLUME	483688.334	3733171.968	437.00
LOCATION	L0006884	VOLUME	483688.296	3733180.558	437.00
LOCATION	L0006885	VOLUME	483688.259	3733189.148	437.00
LOCATION	L0006886	VOLUME	483688.221	3733197.738	437.00
LOCATION	L0006887	VOLUME	483688.184	3733206.328	437.00
LOCATION	L0006888	VOLUME	483688.146	3733214.918	437.00
LOCATION	L0006889	VOLUME	483688.109	3733223.507	437.00
LOCATION	L0006890	VOLUME	483688.071	3733232.097	437.00
LOCATION	L0006891	VOLUME	483688.034	3733240.687	437.00
LOCATION	L0006892	VOLUME	483687.996	3733249.277	437.00
LOCATION	L0006893	VOLUME	483687.958	3733257.867	437.00
LOCATION	L0006894	VOLUME	483687.921	3733266.457	437.00
LOCATION	L0006895	VOLUME	483687.883	3733275.047	437.00
LOCATION	L0006896	VOLUME	483687.846	3733283.637	437.00
LOCATION	L0006897	VOLUME	483687.808	3733292.227	437.00
LOCATION	L0006898	VOLUME	483687.771	3733300.817	437.00
LOCATION	L0006899	VOLUME	483687.733	3733309.407	437.07
LOCATION	L0006900	VOLUME	483687.696	3733317.997	437.24
LOCATION	L0006901	VOLUME	483687.658	3733326.587	437.40
LOCATION	L0006902	VOLUME	483687.621	3733335.176	437.57
LOCATION	L0006903	VOLUME	483687.583	3733343.766	437.58
LOCATION	L0006904	VOLUME	483687.546	3733352.356	437.58
LOCATION	L0006905	VOLUME	483687.508	3733360.946	437.58
LOCATION	L0006906	VOLUME	483687.471	3733369.536	437.58
LOCATION	L0006907	VOLUME	483687.433	3733378.126	437.58
LOCATION	L0006908	VOLUME	483687.396	3733386.716	437.58
LOCATION	L0006909	VOLUME	483687.358	3733395.306	437.58

LOCATION	VOLUME			
L0006910	483687.321	3733403.896	437.69	
L0006911	483687.283	3733412.486	437.81	
L0006912	483687.246	3733421.076	437.93	
L0006913	483687.208	3733429.666	437.95	
L0006914	483687.171	3733438.255	437.82	
L0006915	483687.133	3733446.845	437.70	
L0006916	483687.096	3733455.435	437.57	
L0006917	483687.058	3733464.025	437.57	
L0006918	483687.021	3733472.615	437.56	
L0006919	483686.983	3733481.205	437.56	
L0006920	483686.946	3733489.795	437.62	
L0006921	483686.908	3733498.385	437.74	
L0006922	483686.871	3733506.975	437.87	
L0006923	483686.833	3733515.565	437.99	
L0006924	483686.796	3733524.155	438.00	
L0006925	483686.758	3733532.745	438.00	
L0006926	483686.721	3733541.334	438.00	
L0006927	483686.683	3733549.924	438.00	
L0006928	483686.646	3733558.514	438.00	
L0006929	483686.608	3733567.104	438.00	
L0006930	483686.571	3733575.694	438.00	
L0006931	483686.533	3733584.284	438.00	
L0006932	483686.496	3733592.874	438.00	
L0006933	483686.458	3733601.464	438.00	
L0006934	483686.421	3733610.054	438.00	
L0006935	483686.383	3733618.644	438.00	
L0006936	483686.346	3733627.234	438.00	
L0006937	483686.308	3733635.824	438.00	
L0006938	483686.271	3733644.413	438.00	
L0006939	483686.233	3733653.003	438.00	

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE15

** DESCRSRC Dawson Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483689.028, 3733013.054, 437.00, 3.49, 4.00

** 483686.209, 3733658.613, 438.00, 3.49, 4.00

** -----

LOCATION	VOLUME			
L0007015	483689.009	3733017.349	437.00	
L0007016	483688.971	3733025.939	437.00	
L0007017	483688.934	3733034.529	437.00	
L0007018	483688.896	3733043.119	437.00	
L0007019	483688.859	3733051.709	437.00	
L0007020	483688.821	3733060.299	437.00	
L0007021	483688.784	3733068.889	437.00	
L0007022	483688.746	3733077.479	437.00	
L0007023	483688.709	3733086.069	437.00	
L0007024	483688.671	3733094.659	437.00	
L0007025	483688.634	3733103.249	437.00	
L0007026	483688.596	3733111.839	437.00	
L0007027	483688.559	3733120.428	437.00	
L0007028	483688.521	3733129.018	437.00	
L0007029	483688.484	3733137.608	437.00	
L0007030	483688.446	3733146.198	437.00	
L0007031	483688.409	3733154.788	437.00	
L0007032	483688.371	3733163.378	437.00	
L0007033	483688.334	3733171.968	437.00	
L0007034	483688.296	3733180.558	437.00	
L0007035	483688.259	3733189.148	437.00	

LOCATION	VOLUME				
LOCATION L0007036	VOLUME	483688.221	3733197.738	437.00	
LOCATION L0007037	VOLUME	483688.184	3733206.328	437.00	
LOCATION L0007038	VOLUME	483688.146	3733214.918	437.00	
LOCATION L0007039	VOLUME	483688.109	3733223.507	437.00	
LOCATION L0007040	VOLUME	483688.071	3733232.097	437.00	
LOCATION L0007041	VOLUME	483688.034	3733240.687	437.00	
LOCATION L0007042	VOLUME	483687.996	3733249.277	437.00	
LOCATION L0007043	VOLUME	483687.958	3733257.867	437.00	
LOCATION L0007044	VOLUME	483687.921	3733266.457	437.00	
LOCATION L0007045	VOLUME	483687.883	3733275.047	437.00	
LOCATION L0007046	VOLUME	483687.846	3733283.637	437.00	
LOCATION L0007047	VOLUME	483687.808	3733292.227	437.00	
LOCATION L0007048	VOLUME	483687.771	3733300.817	437.00	
LOCATION L0007049	VOLUME	483687.733	3733309.407	437.07	
LOCATION L0007050	VOLUME	483687.696	3733317.997	437.24	
LOCATION L0007051	VOLUME	483687.658	3733326.587	437.40	
LOCATION L0007052	VOLUME	483687.621	3733335.176	437.57	
LOCATION L0007053	VOLUME	483687.583	3733343.766	437.58	
LOCATION L0007054	VOLUME	483687.546	3733352.356	437.58	
LOCATION L0007055	VOLUME	483687.508	3733360.946	437.58	
LOCATION L0007056	VOLUME	483687.471	3733369.536	437.58	
LOCATION L0007057	VOLUME	483687.433	3733378.126	437.58	
LOCATION L0007058	VOLUME	483687.396	3733386.716	437.58	
LOCATION L0007059	VOLUME	483687.358	3733395.306	437.58	
LOCATION L0007060	VOLUME	483687.321	3733403.896	437.69	
LOCATION L0007061	VOLUME	483687.283	3733412.486	437.81	
LOCATION L0007062	VOLUME	483687.246	3733421.076	437.93	
LOCATION L0007063	VOLUME	483687.208	3733429.666	437.95	
LOCATION L0007064	VOLUME	483687.171	3733438.255	437.82	
LOCATION L0007065	VOLUME	483687.133	3733446.845	437.70	
LOCATION L0007066	VOLUME	483687.096	3733455.435	437.57	
LOCATION L0007067	VOLUME	483687.058	3733464.025	437.57	
LOCATION L0007068	VOLUME	483687.021	3733472.615	437.56	
LOCATION L0007069	VOLUME	483686.983	3733481.205	437.56	
LOCATION L0007070	VOLUME	483686.946	3733489.795	437.62	
LOCATION L0007071	VOLUME	483686.908	3733498.385	437.74	
LOCATION L0007072	VOLUME	483686.871	3733506.975	437.87	
LOCATION L0007073	VOLUME	483686.833	3733515.565	437.99	
LOCATION L0007074	VOLUME	483686.796	3733524.155	438.00	
LOCATION L0007075	VOLUME	483686.758	3733532.745	438.00	
LOCATION L0007076	VOLUME	483686.721	3733541.334	438.00	
LOCATION L0007077	VOLUME	483686.683	3733549.924	438.00	
LOCATION L0007078	VOLUME	483686.646	3733558.514	438.00	
LOCATION L0007079	VOLUME	483686.608	3733567.104	438.00	
LOCATION L0007080	VOLUME	483686.571	3733575.694	438.00	
LOCATION L0007081	VOLUME	483686.533	3733584.284	438.00	
LOCATION L0007082	VOLUME	483686.496	3733592.874	438.00	
LOCATION L0007083	VOLUME	483686.458	3733601.464	438.00	
LOCATION L0007084	VOLUME	483686.421	3733610.054	438.00	
LOCATION L0007085	VOLUME	483686.383	3733618.644	438.00	
LOCATION L0007086	VOLUME	483686.346	3733627.234	438.00	
LOCATION L0007087	VOLUME	483686.308	3733635.824	438.00	
LOCATION L0007088	VOLUME	483686.271	3733644.413	438.00	
LOCATION L0007089	VOLUME	483686.233	3733653.003	438.00	

** End of LINE VOLUME Source ID = SLINE15

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	VOLUME				
SRCPARAM L0004882	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004883	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004884	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004885	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004886	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004887	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004888	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004889	0.0000113994	3.49	6.51	3.25	
SRCPARAM L0004890	0.0000113994	3.49	6.51	3.25	

SRCPARAM	L0004007	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004008	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004009	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004010	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004011	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004012	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004013	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004014	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004015	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004016	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004017	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004018	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004019	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004020	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004021	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004022	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004023	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004024	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004025	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004026	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004027	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004028	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004029	0.00000001495	3.49	6.51	3.25
SRCPARAM	L0004030	0.00000001495	3.49	6.51	3.25

**

SRCPARAM	VOL1	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL2	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL3	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL4	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL5	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL6	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL7	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL8	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL9	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL10	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL11	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL12	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL13	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL14	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL15	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL16	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL17	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL18	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL19	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL20	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL21	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL22	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL23	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL24	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL25	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL26	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL27	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL28	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL29	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL30	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL31	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL32	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL33	0.0006334191	5.000	25.323	1.400
SRCPARAM	VOL34	0.0006334191	5.000	25.323	1.400

** LINE VOLUME Source ID = SLINE2

SRCPARAM	L0003705	0.0000862335	0.00	9.30	2.33
SRCPARAM	L0003706	0.0000862335	0.00	9.30	2.33
SRCPARAM	L0003707	0.0000862335	0.00	9.30	2.33
SRCPARAM	L0003708	0.0000862335	0.00	9.30	2.33
SRCPARAM	L0003709	0.0000862335	0.00	9.30	2.33
SRCPARAM	L0003710	0.0000862335	0.00	9.30	2.33

SRCPARAM	L0007031	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007032	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007033	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007034	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007035	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007036	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007037	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007038	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007039	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007040	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007041	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007042	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007043	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007044	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007045	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007046	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007047	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007048	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007049	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007050	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007051	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007052	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007053	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007054	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007055	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007056	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007057	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007058	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007059	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007060	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007061	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007062	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007063	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007064	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007065	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007066	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007067	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007068	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007069	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007070	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007071	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007072	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007073	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007074	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007075	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007076	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007077	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007078	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007079	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007080	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007081	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007082	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007083	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007084	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007085	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007086	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007087	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007088	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007089	0.00000002451	3.49	4.00	3.25

**

 URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT L0004882 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT	L0007082	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007082	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007082	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP	Onsite	VOL1	VOL2	VOL3	VOL4	VOL5	VOL6	VOL7	VOL8	VOL9	VOL10
SRCGROUP	Onsite	VOL11	VOL12	VOL13	VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	
SRCGROUP	Onsite	VOL20	VOL21	VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28	
SRCGROUP	Onsite	VOL29	VOL30	VOL31	VOL32	VOL33	VOL34	L0004882	L0004883		
SRCGROUP	Onsite	L0004884	L0004885	L0004886	L0004887	L0004888	L0004889	L0004890	L0004891		
SRCGROUP	Onsite	L0004892	L0004893	L0004894	L0004895	L0004896	L0004897	L0004898	L0004899		
SRCGROUP	Onsite	L0004900	L0004901	L0004902	L0004903	L0004904	L0004905	L0004906	L0004907		
SRCGROUP	Onsite	L0004908	L0004909	L0004910	L0004911	L0004912	L0004913	L0004914	L0004915		
SRCGROUP	Onsite	L0004916	L0004917	L0004918	L0004919	L0004920	L0004921	L0004922	L0004923		
SRCGROUP	Onsite	L0004924	L0004925	L0004926	L0004927	L0004928	L0004929	L0004930	L0004931		
SRCGROUP	Onsite	L0004932	L0004933	L0004934	L0004935	L0004936	L0004937	L0004938	L0004939		
SRCGROUP	Onsite	L0004940	L0004941	L0004942	L0004943	L0004944	L0004945	L0004946	L0004947		
SRCGROUP	Onsite	L0004948	L0004949	L0004950	L0004951	L0004952	L0004953	L0004954	L0004955		
SRCGROUP	Onsite	L0004956	L0004957	L0004958	L0004959	L0004960	L0004961	L0004962	L0004963		
SRCGROUP	Onsite	L0004964	L0004965	L0004966	L0004967	L0004968	L0004969	L0004970	L0004971		
SRCGROUP	Onsite	L0004972	L0004973	L0004974	L0004975	L0004976	L0004977	L0004978	L0004979		
SRCGROUP	Onsite	L0004980	L0004981	L0004982	L0004983	L0004984	L0004985	L0004986	L0004987		
SRCGROUP	Onsite	L0004988	L0004989	L0004990	L0004991	L0004992	L0004993	L0004994			
SRCGROUP	Offsite	L0006025	L0006026	L0006027	L0006028	L0006029	L0006030	L0006031	L0006032		
SRCGROUP	Offsite	L0006033	L0006034	L0006035	L0006036	L0006037	L0006038	L0006039	L0006040		
SRCGROUP	Offsite	L0006041	L0006042	L0006043	L0006044	L0006045	L0006046	L0006047	L0006048		
SRCGROUP	Offsite	L0006049	L0006050	L0006051	L0006052	L0006053	L0006054	L0006055	L0006056		
SRCGROUP	Offsite	L0006057	L0006058	L0006059	L0006060	L0006061	L0006062	L0006063	L0006064		
SRCGROUP	Offsite	L0006065	L0006066	L0006067	L0006068	L0006069	L0006070	L0006071	L0006072		
SRCGROUP	Offsite	L0006073	L0006074	L0006075	L0006076	L0006077	L0006078	L0006079	L0006080		
SRCGROUP	Offsite	L0006081	L0006082	L0006083	L0006084	L0006085	L0006086	L0006087	L0006088		
SRCGROUP	Offsite	L0006089	L0006090	L0006091	L0006092	L0006093	L0006094	L0006095	L0006096		

SRCGROUP	Offsite	L0006097	L0006098	L0006099	L0006100	L0006101	L0006102
SRCGROUP	Offsite	L0006103	L0006104	L0006105	L0006106	L0006107	L0006108
SRCGROUP	Offsite	L0006109	L0006110	L0006111	L0006112	L0006113	L0006114
SRCGROUP	Offsite	L0006115	L0006116	L0006117	L0006118	L0006119	L0006120
SRCGROUP	Offsite	L0006121	L0006122	L0006123	L0006124	L0006125	L0006126
SRCGROUP	Offsite	L0006127	L0006128	L0006129	L0006130	L0006131	L0006132
SRCGROUP	Offsite	L0006133	L0006134	L0006135	L0006136	L0006137	L0006138
SRCGROUP	Offsite	L0006139	L0006140	L0006141	L0006142	L0006143	L0006144
SRCGROUP	Offsite	L0006145	L0006146	L0006147	L0003908	L0003909	L0003910
SRCGROUP	Offsite	L0003911	L0003912	L0003913	L0003914	L0003915	L0003916
SRCGROUP	Offsite	L0003917	L0003918	L0003919	L0003920	L0003921	L0003922
SRCGROUP	Offsite	L0003923	L0003924	L0003925	L0003926	L0003927	L0003928
SRCGROUP	Offsite	L0003929	L0003930	L0003931	L0003932	L0003933	L0003934
SRCGROUP	Offsite	L0003935	L0003936	L0003937	L0003938	L0003939	L0003940
SRCGROUP	Offsite	L0003941	L0003942	L0003943	L0003944	L0003945	L0003946
SRCGROUP	Offsite	L0003947	L0003948	L0003949	L0003950	L0003951	L0003952
SRCGROUP	Offsite	L0003953	L0003954	L0003955	L0003956	L0003957	L0003958
SRCGROUP	Offsite	L0003959	L0003960	L0003961	L0003962	L0003963	L0003964
SRCGROUP	Offsite	L0003965	L0003966	L0003967	L0003968	L0003969	L0003970
SRCGROUP	Offsite	L0003971	L0003972	L0003973	L0003974	L0003975	L0003976
SRCGROUP	Offsite	L0003977	L0003978	L0003979	L0003980	L0003981	L0003982
SRCGROUP	Offsite	L0003983	L0003984	L0003985	L0003986	L0003987	L0003988
SRCGROUP	Offsite	L0003989	L0003990	L0003991	L0003992	L0003993	L0003994
SRCGROUP	Offsite	L0003995	L0003996	L0003997	L0003998	L0003999	L0004000
SRCGROUP	Offsite	L0004001	L0004002	L0004003	L0004004	L0004005	L0004006
SRCGROUP	Offsite	L0004007	L0004008	L0004009	L0004010	L0004011	L0004012
SRCGROUP	Offsite	L0004013	L0004014	L0004015	L0004016	L0004017	L0004018
SRCGROUP	Offsite	L0004019	L0004020	L0004021	L0004022	L0004023	L0004024
SRCGROUP	Offsite	L0004025	L0004026	L0004027	L0004028	L0004029	L0004030
SRCGROUP	Offsite	L0003705	L0003706	L0003707	L0003708	L0003709	L0003710
SRCGROUP	Offsite	L0003711	L0003712	L0003713	L0003714	L0003715	L0003716
SRCGROUP	Offsite	L0003717	L0003718	L0003719	L0003720	L0003721	L0003722
SRCGROUP	Offsite	L0003723	L0004202	L0004203	L0004204	L0004205	L0004206
SRCGROUP	Offsite	L0004207	L0004208	L0004209	L0004210	L0004211	L0004212
SRCGROUP	Offsite	L0004213	L0004214	L0004215	L0004216	L0004217	L0004218
SRCGROUP	Offsite	L0004219	L0004220	L0004221	L0004222	L0004223	L0004224
SRCGROUP	Offsite	L0004225	L0004226	L0004227	L0004228	L0004229	L0004230
SRCGROUP	Offsite	L0004231	L0004232	L0004233	L0004234	L0004235	L0004236
SRCGROUP	Offsite	L0004237	L0004238	L0004239	L0004240	L0004241	L0004242
SRCGROUP	Offsite	L0004243	L0004244	L0004245	L0004246	L0006334	L0006335
SRCGROUP	Offsite	L0006336	L0006337	L0006338	L0006339	L0006340	L0006341
SRCGROUP	Offsite	L0006342	L0006343	L0006344	L0006345	L0006346	L0006347
SRCGROUP	Offsite	L0006348	L0006349	L0006350	L0006351	L0006352	L0006353
SRCGROUP	Offsite	L0004266	L0004267	L0004268	L0004269	L0004270	L0004271
SRCGROUP	Offsite	L0004272	L0004273	L0004274	L0004275	L0004276	L0004277
SRCGROUP	Offsite	L0004278	L0004279	L0004280	L0004281	L0004282	L0004283
SRCGROUP	Offsite	L0004284	L0004285	L0004286	L0004287	L0004288	L0004289
SRCGROUP	Offsite	L0004290	L0004291	L0004292	L0004293	L0004294	L0004295
SRCGROUP	Offsite	L0004296	L0004297	L0004298	L0004299	L0004300	L0004301
SRCGROUP	Offsite	L0004302	L0004303	L0004304	L0004305	L0004306	L0004307
SRCGROUP	Offsite	L0004308	L0004309	L0004310	L0004311	L0004312	L0006354
SRCGROUP	Offsite	L0006355	L0006356	L0006357	L0006358	L0006359	L0006360
SRCGROUP	Offsite	L0006361	L0006362	L0006363	L0006364	L0006365	L0006366
SRCGROUP	Offsite	L0006367	L0006368	L0006369	L0006370	L0006371	L0006372
SRCGROUP	Offsite	L0006373	L0006374	L0006375	L0006376	L0006377	L0006378
SRCGROUP	Offsite	L0006379	L0006380	L0006381	L0006382	L0006383	L0006384
SRCGROUP	Offsite	L0006385	L0006386	L0006387	L0006388	L0006389	L0006390
SRCGROUP	Offsite	L0006391	L0006392	L0006393	L0006394	L0006395	L0006396
SRCGROUP	Offsite	L0006397	L0006398	L0006399	L0006400	L0006401	L0006402
SRCGROUP	Offsite	L0006403	L0006404	L0006405	L0006406	L0006407	L0006408
SRCGROUP	Offsite	L0006409	L0006410	L0006411	L0006412	L0006413	L0006414
SRCGROUP	Offsite	L0006415	L0006416	L0006417	L0006418	L0006419	L0006420
SRCGROUP	Offsite	L0006421	L0006422	L0006423	L0006424	L0006425	L0006426
SRCGROUP	Offsite	L0006427	L0006428	L0006429	L0006430	L0006431	L0006432
SRCGROUP	Offsite	L0006433	L0006434	L0006435	L0006436	L0006437	L0006438
SRCGROUP	Offsite	L0006439	L0006440	L0006441	L0006442	L0006443	L0006444

SRCGROUP	Offsite	L0006445	L0006446	L0006447	L0006448	L0006449	L0006450
SRCGROUP	Offsite	L0006451	L0006452	L0006453	L0006454	L0006455	L0006456
SRCGROUP	Offsite	L0006457	L0006458	L0006459	L0006460	L0006461	L0006462
SRCGROUP	Offsite	L0005277	L0005278	L0005279	L0005280	L0005281	L0005282
SRCGROUP	Offsite	L0005283	L0005284	L0005285	L0005286	L0005287	L0005288
SRCGROUP	Offsite	L0005289	L0005290	L0005291	L0005292	L0005293	L0005294
SRCGROUP	Offsite	L0005295	L0005296	L0005297	L0005298	L0005299	L0005300
SRCGROUP	Offsite	L0005301	L0005302	L0005303	L0005304	L0005305	L0005306
SRCGROUP	Offsite	L0005307	L0005308	L0005309	L0005310	L0005311	L0005312
SRCGROUP	Offsite	L0005313	L0005314	L0005315	L0005316	L0005317	L0005318
SRCGROUP	Offsite	L0005319	L0005320	L0005321	L0005322	L0005323	L0005324
SRCGROUP	Offsite	L0005325	L0005326	L0005327	L0005328	L0005329	L0005330
SRCGROUP	Offsite	L0005331	L0005332	L0005333	L0005334	L0005335	L0005336
SRCGROUP	Offsite	L0005337	L0005338	L0005339	L0005340	L0005341	L0005342
SRCGROUP	Offsite	L0005343	L0005344	L0005345	L0005346	L0005347	L0005348
SRCGROUP	Offsite	L0005349	L0005350	L0005351	L0005352	L0005353	L0005354
SRCGROUP	Offsite	L0005355	L0005356	L0005357	L0005358	L0005359	L0005360
SRCGROUP	Offsite	L0005361	L0005362	L0005363	L0005364	L0005365	L0005366
SRCGROUP	Offsite	L0005367	L0005368	L0005369	L0005370	L0005371	L0005372
SRCGROUP	Offsite	L0005373	L0005374	L0005375	L0005376	L0005377	L0005378
SRCGROUP	Offsite	L0005379	L0005380	L0005381	L0005382	L0005383	L0005384
SRCGROUP	Offsite	L0005385	L0006463	L0006464	L0006465	L0006466	L0006467
SRCGROUP	Offsite	L0006468	L0006469	L0006470	L0006471	L0006472	L0006473
SRCGROUP	Offsite	L0006474	L0006475	L0006476	L0006477	L0006478	L0006479
SRCGROUP	Offsite	L0006480	L0006481	L0006482	L0006483	L0006484	L0006485
SRCGROUP	Offsite	L0006486	L0006487	L0006488	L0006489	L0006490	L0006491
SRCGROUP	Offsite	L0006492	L0006493	L0006494	L0006495	L0006496	L0006497
SRCGROUP	Offsite	L0006498	L0006499	L0006500	L0006501	L0006502	L0006503
SRCGROUP	Offsite	L0006504	L0006505	L0006506	L0006507	L0006508	L0006509
SRCGROUP	Offsite	L0006510	L0006511	L0006512	L0006513	L0006514	L0006515
SRCGROUP	Offsite	L0006516	L0006517	L0006518	L0006519	L0006520	L0006521
SRCGROUP	Offsite	L0006522	L0006523	L0006524	L0006525	L0006526	L0006527
SRCGROUP	Offsite	L0006528	L0006529	L0006530	L0006531	L0006532	L0006533
SRCGROUP	Offsite	L0006534	L0006535	L0006536	L0006537	L0006538	L0006539
SRCGROUP	Offsite	L0006540	L0006541	L0006542	L0006543	L0006544	L0006545
SRCGROUP	Offsite	L0006546	L0006547	L0006548	L0006549	L0006550	L0006551
SRCGROUP	Offsite	L0006552	L0006553	L0006554	L0006555	L0006556	L0006557
SRCGROUP	Offsite	L0006558	L0006559	L0006560	L0006561	L0006562	L0006563
SRCGROUP	Offsite	L0006564	L0006565	L0006566	L0006567	L0006568	L0006569
SRCGROUP	Offsite	L0006570	L0006571	L0006572	L0006573	L0006574	L0006575
SRCGROUP	Offsite	L0006576	L0006577	L0006578	L0006579	L0006580	L0006581
SRCGROUP	Offsite	L0006582	L0006583	L0006584	L0006585	L0006586	L0006587
SRCGROUP	Offsite	L0006588	L0006589	L0006590	L0006591	L0006592	L0006593
SRCGROUP	Offsite	L0006594	L0006595	L0006596	L0006597	L0006598	L0006599
SRCGROUP	Offsite	L0006600	L0006601	L0006602	L0006603	L0006604	L0006605
SRCGROUP	Offsite	L0006606	L0006607	L0006608	L0006609	L0006610	L0006611
SRCGROUP	Offsite	L0006612	L0006613	L0006614	L0006615	L0006616	L0006617
SRCGROUP	Offsite	L0006618	L0006619	L0006620	L0006621	L0006622	L0006623
SRCGROUP	Offsite	L0006624	L0006625	L0006626	L0006627	L0006628	L0006629
SRCGROUP	Offsite	L0006630	L0006631	L0006632	L0006633	L0006634	L0006635
SRCGROUP	Offsite	L0006636	L0006637	L0006638	L0006639	L0006640	L0006641
SRCGROUP	Offsite	L0006642	L0006643	L0006644	L0006645	L0006646	L0006647
SRCGROUP	Offsite	L0006648	L0006649	L0006650	L0006651	L0006652	L0006653
SRCGROUP	Offsite	L0006654	L0006655	L0006656	L0006657	L0006658	L0006659
SRCGROUP	Offsite	L0006660	L0006661	L0006662	L0006663	L0006664	L0006665
SRCGROUP	Offsite	L0006666	L0006667	L0006668	L0006669	L0006670	L0006671
SRCGROUP	Offsite	L0006672	L0006673	L0006674	L0006675	L0006676	L0006677
SRCGROUP	Offsite	L0006678	L0006679	L0006680	L0006681	L0006682	L0006683
SRCGROUP	Offsite	L0006684	L0006685	L0006686	L0006687	L0006688	L0006689
SRCGROUP	Offsite	L0006690	L0006691	L0006692	L0006693	L0006694	L0006695
SRCGROUP	Offsite	L0006696	L0006697	L0006698	L0006699	L0006700	L0006701
SRCGROUP	Offsite	L0006702	L0006703	L0006704	L0006705	L0006706	L0006707
SRCGROUP	Offsite	L0006708	L0006709	L0006710	L0006711	L0006712	L0006713
SRCGROUP	Offsite	L0006714	L0006715	L0006716	L0006717	L0006718	L0006719
SRCGROUP	Offsite	L0006720	L0006721	L0006722	L0006723	L0006724	L0006725
SRCGROUP	Offsite	L0006726	L0006727	L0006728	L0006729	L0006730	L0006731

SRCGROUP Offsite L0006732 L0006733 L0006734 L0006735 L0006736 L0006737
SRCGROUP Offsite L0006738 L0006739 L0006740 L0006741 L0006742 L0006743
SRCGROUP Offsite L0006744 L0006745 L0006746 L0006747 L0006748 L0006749
SRCGROUP Offsite L0006750 L0006751 L0006752 L0006753 L0006754 L0006755
SRCGROUP Offsite L0006756 L0006757 L0006758 L0006759 L0006760 L0006761
SRCGROUP Offsite L0006762 L0006763 L0006764 L0006765 L0006766 L0006767
SRCGROUP Offsite L0006768 L0006769 L0006770 L0006771 L0006772 L0006773
SRCGROUP Offsite L0006774 L0006775 L0006776 L0006777 L0006778 L0006779
SRCGROUP Offsite L0006780 L0006781 L0006782 L0006783 L0006784 L0006785
SRCGROUP Offsite L0006786 L0006787 L0006788 L0006789 L0006790 L0006791
SRCGROUP Offsite L0006792 L0006793 L0006794 L0006795 L0006796 L0006797
SRCGROUP Offsite L0006798 L0006799 L0006800 L0006801 L0006802 L0006803
SRCGROUP Offsite L0006804 L0006805 L0006806 L0006807 L0006808 L0006809
SRCGROUP Offsite L0006810 L0006811 L0006812 L0006813 L0006814 L0006815
SRCGROUP Offsite L0006816 L0006817 L0006818 L0006819 L0006820 L0006821
SRCGROUP Offsite L0006822 L0006823 L0006824 L0006825 L0006826 L0006827
SRCGROUP Offsite L0006828 L0006829 L0006830 L0006831 L0006832 L0006833
SRCGROUP Offsite L0006834 L0006835 L0006836 L0006837 L0006838 L0006839
SRCGROUP Offsite L0006840 L0006841 L0006842 L0006843 L0006844 L0006845
SRCGROUP Offsite L0006846 L0006847 L0006848 L0006849 L0006850 L0006851
SRCGROUP Offsite L0006852 L0006853 L0006854 L0006855 L0006856 L0006857
SRCGROUP Offsite L0006858 L0006859 L0006860 L0006861 L0006862 L0006863
SRCGROUP Offsite L0006864 L0006865 L0006866 L0006867 L0006868 L0006869
SRCGROUP Offsite L0006870 L0006871 L0006872 L0006873 L0006874 L0006875
SRCGROUP Offsite L0006876 L0006877 L0006878 L0006879 L0006880 L0006881
SRCGROUP Offsite L0006882 L0006883 L0006884 L0006885 L0006886 L0006887
SRCGROUP Offsite L0006888 L0006889 L0006890 L0006891 L0006892 L0006893
SRCGROUP Offsite L0006894 L0006895 L0006896 L0006897 L0006898 L0006899
SRCGROUP Offsite L0006900 L0006901 L0006902 L0006903 L0006904 L0006905
SRCGROUP Offsite L0006906 L0006907 L0006908 L0006909 L0006910 L0006911
SRCGROUP Offsite L0006912 L0006913 L0006914 L0006915 L0006916 L0006917
SRCGROUP Offsite L0006918 L0006919 L0006920 L0006921 L0006922 L0006923
SRCGROUP Offsite L0006924 L0006925 L0006926 L0006927 L0006928 L0006929
SRCGROUP Offsite L0006930 L0006931 L0006932 L0006933 L0006934 L0006935
SRCGROUP Offsite L0006936 L0006937 L0006938 L0006939 L0007015 L0007016
SRCGROUP Offsite L0007017 L0007018 L0007019 L0007020 L0007021 L0007022
SRCGROUP Offsite L0007023 L0007024 L0007025 L0007026 L0007027 L0007028
SRCGROUP Offsite L0007029 L0007030 L0007031 L0007032 L0007033 L0007034
SRCGROUP Offsite L0007035 L0007036 L0007037 L0007038 L0007039 L0007040
SRCGROUP Offsite L0007041 L0007042 L0007043 L0007044 L0007045 L0007046
SRCGROUP Offsite L0007047 L0007048 L0007049 L0007050 L0007051 L0007052
SRCGROUP Offsite L0007053 L0007054 L0007055 L0007056 L0007057 L0007058
SRCGROUP Offsite L0007059 L0007060 L0007061 L0007062 L0007063 L0007064
SRCGROUP Offsite L0007065 L0007066 L0007067 L0007068 L0007069 L0007070
SRCGROUP Offsite L0007071 L0007072 L0007073 L0007074 L0007075 L0007076
SRCGROUP Offsite L0007077 L0007078 L0007079 L0007080 L0007081 L0007082
SRCGROUP Offsite L0007083 L0007084 L0007085 L0007086 L0007087 L0007088
SRCGROUP Offsite L0007089
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**
RE STARTING
INCLUDED "14616 Construction.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**
ME STARTING

SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14616 CONSTRUCTION.AD\AN00GALL.PLT" 31
PLOTFILE ANNUAL Onsite "14616 CONSTRUCTION.AD\AN00G001.PLT" 32
PLOTFILE ANNUAL Offsite "14616 CONSTRUCTION.AD\AN00G002.PLT" 33
SUMMFILE "14616 Construction.sum"

OU FINISHED

**

** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM World Geodetic System 1984
** DTMRGN Global Definition
** UNITS m
** ZONE 11
** ZONEINX 0
**

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 1/12/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Construction\14616
Construction.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14616 Construction.err"
CO FINISHED

**

** AERMOD Source Pathway

**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Onsite Onroad
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0012881316
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 482355.528, 3733674.128, 433.95, 3.49, 6.51
** 483283.190, 3733671.100, 436.00, 3.49, 6.51
** 483284.920, 3733012.871, 436.00, 3.49, 6.51
**

LOCATION	L0004882	VOLUME	482362.528	3733674.105	433.84
LOCATION	L0004883	VOLUME	482376.528	3733674.059	433.97
LOCATION	L0004884	VOLUME	482390.528	3733674.013	434.00
LOCATION	L0004885	VOLUME	482404.528	3733673.968	434.00
LOCATION	L0004886	VOLUME	482418.528	3733673.922	434.00
LOCATION	L0004887	VOLUME	482432.528	3733673.876	434.00
LOCATION	L0004888	VOLUME	482446.528	3733673.831	434.00
LOCATION	L0004889	VOLUME	482460.528	3733673.785	434.00
LOCATION	L0004890	VOLUME	482474.528	3733673.739	434.00
LOCATION	L0004891	VOLUME	482488.528	3733673.694	434.00
LOCATION	L0004892	VOLUME	482502.528	3733673.648	434.00
LOCATION	L0004893	VOLUME	482516.528	3733673.602	434.00
LOCATION	L0004894	VOLUME	482530.528	3733673.557	434.00
LOCATION	L0004895	VOLUME	482544.527	3733673.511	434.00
LOCATION	L0004896	VOLUME	482558.527	3733673.465	434.00

LOCATION	L0004897	VOLUME	482572.527	3733673.419	434.00
LOCATION	L0004898	VOLUME	482586.527	3733673.374	434.00
LOCATION	L0004899	VOLUME	482600.527	3733673.328	434.00
LOCATION	L0004900	VOLUME	482614.527	3733673.282	434.00
LOCATION	L0004901	VOLUME	482628.527	3733673.237	434.00
LOCATION	L0004902	VOLUME	482642.527	3733673.191	434.00
LOCATION	L0004903	VOLUME	482656.527	3733673.145	434.00
LOCATION	L0004904	VOLUME	482670.527	3733673.100	434.00
LOCATION	L0004905	VOLUME	482684.527	3733673.054	434.00
LOCATION	L0004906	VOLUME	482698.527	3733673.008	434.00
LOCATION	L0004907	VOLUME	482712.527	3733672.963	434.00
LOCATION	L0004908	VOLUME	482726.526	3733672.917	434.00
LOCATION	L0004909	VOLUME	482740.526	3733672.871	434.00
LOCATION	L0004910	VOLUME	482754.526	3733672.826	434.11
LOCATION	L0004911	VOLUME	482768.526	3733672.780	434.21
LOCATION	L0004912	VOLUME	482782.526	3733672.734	434.55
LOCATION	L0004913	VOLUME	482796.526	3733672.688	434.91
LOCATION	L0004914	VOLUME	482810.526	3733672.643	435.00
LOCATION	L0004915	VOLUME	482824.526	3733672.597	435.00
LOCATION	L0004916	VOLUME	482838.526	3733672.551	435.00
LOCATION	L0004917	VOLUME	482852.526	3733672.506	435.00
LOCATION	L0004918	VOLUME	482866.526	3733672.460	435.00
LOCATION	L0004919	VOLUME	482880.526	3733672.414	435.00
LOCATION	L0004920	VOLUME	482894.526	3733672.369	435.00
LOCATION	L0004921	VOLUME	482908.526	3733672.323	435.00
LOCATION	L0004922	VOLUME	482922.525	3733672.277	435.00
LOCATION	L0004923	VOLUME	482936.525	3733672.232	435.00
LOCATION	L0004924	VOLUME	482950.525	3733672.186	435.00
LOCATION	L0004925	VOLUME	482964.525	3733672.140	435.00
LOCATION	L0004926	VOLUME	482978.525	3733672.095	435.00
LOCATION	L0004927	VOLUME	482992.525	3733672.049	435.00
LOCATION	L0004928	VOLUME	483006.525	3733672.003	435.00
LOCATION	L0004929	VOLUME	483020.525	3733671.957	435.00
LOCATION	L0004930	VOLUME	483034.525	3733671.912	435.00
LOCATION	L0004931	VOLUME	483048.525	3733671.866	435.00
LOCATION	L0004932	VOLUME	483062.525	3733671.820	435.00
LOCATION	L0004933	VOLUME	483076.525	3733671.775	435.00
LOCATION	L0004934	VOLUME	483090.525	3733671.729	435.00
LOCATION	L0004935	VOLUME	483104.524	3733671.683	435.00
LOCATION	L0004936	VOLUME	483118.524	3733671.638	435.00
LOCATION	L0004937	VOLUME	483132.524	3733671.592	435.08
LOCATION	L0004938	VOLUME	483146.524	3733671.546	435.55
LOCATION	L0004939	VOLUME	483160.524	3733671.501	436.00
LOCATION	L0004940	VOLUME	483174.524	3733671.455	436.00
LOCATION	L0004941	VOLUME	483188.524	3733671.409	436.00
LOCATION	L0004942	VOLUME	483202.524	3733671.364	436.00
LOCATION	L0004943	VOLUME	483216.524	3733671.318	436.00
LOCATION	L0004944	VOLUME	483230.524	3733671.272	436.00
LOCATION	L0004945	VOLUME	483244.524	3733671.226	436.00
LOCATION	L0004946	VOLUME	483258.524	3733671.181	436.00
LOCATION	L0004947	VOLUME	483272.524	3733671.135	436.00
LOCATION	L0004948	VOLUME	483283.199	3733667.767	436.00
LOCATION	L0004949	VOLUME	483283.236	3733653.767	436.00
LOCATION	L0004950	VOLUME	483283.273	3733639.767	436.00
LOCATION	L0004951	VOLUME	483283.310	3733625.767	436.00
LOCATION	L0004952	VOLUME	483283.346	3733611.767	436.00
LOCATION	L0004953	VOLUME	483283.383	3733597.767	436.00
LOCATION	L0004954	VOLUME	483283.420	3733583.768	436.00
LOCATION	L0004955	VOLUME	483283.457	3733569.768	436.00
LOCATION	L0004956	VOLUME	483283.494	3733555.768	436.00
LOCATION	L0004957	VOLUME	483283.530	3733541.768	436.00
LOCATION	L0004958	VOLUME	483283.567	3733527.768	436.00
LOCATION	L0004959	VOLUME	483283.604	3733513.768	436.00
LOCATION	L0004960	VOLUME	483283.641	3733499.768	436.00
LOCATION	L0004961	VOLUME	483283.678	3733485.768	436.00
LOCATION	L0004962	VOLUME	483283.714	3733471.768	436.00

LOCATION	VOLUME				
L0004963	483283.751	3733457.768	436.00		
L0004964	483283.788	3733443.768	436.00		
L0004965	483283.825	3733429.768	436.00		
L0004966	483283.861	3733415.768	436.00		
L0004967	483283.898	3733401.768	436.00		
L0004968	483283.935	3733387.768	436.00		
L0004969	483283.972	3733373.768	436.00		
L0004970	483284.009	3733359.768	436.00		
L0004971	483284.045	3733345.768	436.00		
L0004972	483284.082	3733331.768	436.00		
L0004973	483284.119	3733317.768	436.00		
L0004974	483284.156	3733303.768	436.00		
L0004975	483284.193	3733289.769	436.00		
L0004976	483284.229	3733275.769	436.00		
L0004977	483284.266	3733261.769	436.00		
L0004978	483284.303	3733247.769	436.00		
L0004979	483284.340	3733233.769	436.00		
L0004980	483284.377	3733219.769	436.00		
L0004981	483284.413	3733205.769	436.00		
L0004982	483284.450	3733191.769	436.00		
L0004983	483284.487	3733177.769	436.00		
L0004984	483284.524	3733163.769	436.00		
L0004985	483284.561	3733149.769	436.00		
L0004986	483284.597	3733135.769	436.00		
L0004987	483284.634	3733121.769	436.00		
L0004988	483284.671	3733107.769	436.00		
L0004989	483284.708	3733093.769	436.00		
L0004990	483284.745	3733079.769	436.00		
L0004991	483284.781	3733065.769	436.00		
L0004992	483284.818	3733051.769	436.00		
L0004993	483284.855	3733037.769	436.00		
L0004994	483284.892	3733023.769	436.00		

** End of LINE VOLUME Source ID = SLINE1

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Sherman Offsite Construction

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 3

** 482355.528, 3733674.128, 433.95, 4.25, 6.51

** 483283.190, 3733671.100, 436.00, 4.25, 6.51

** 483288.514, 3732878.693, 436.00, 4.25, 6.51

** -----

LOCATION	VOLUME				
L0006025	482362.528	3733674.105	433.84		
L0006026	482376.528	3733674.059	433.97		
L0006027	482390.528	3733674.013	434.00		
L0006028	482404.528	3733673.968	434.00		
L0006029	482418.528	3733673.922	434.00		
L0006030	482432.528	3733673.876	434.00		
L0006031	482446.528	3733673.831	434.00		
L0006032	482460.528	3733673.785	434.00		
L0006033	482474.528	3733673.739	434.00		
L0006034	482488.528	3733673.694	434.00		
L0006035	482502.528	3733673.648	434.00		
L0006036	482516.528	3733673.602	434.00		
L0006037	482530.528	3733673.557	434.00		
L0006038	482544.527	3733673.511	434.00		
L0006039	482558.527	3733673.465	434.00		
L0006040	482572.527	3733673.419	434.00		
L0006041	482586.527	3733673.374	434.00		
L0006042	482600.527	3733673.328	434.00		

LOCATION L0006043	VOLUME	482614.527	3733673.282	434.00
LOCATION L0006044	VOLUME	482628.527	3733673.237	434.00
LOCATION L0006045	VOLUME	482642.527	3733673.191	434.00
LOCATION L0006046	VOLUME	482656.527	3733673.145	434.00
LOCATION L0006047	VOLUME	482670.527	3733673.100	434.00
LOCATION L0006048	VOLUME	482684.527	3733673.054	434.00
LOCATION L0006049	VOLUME	482698.527	3733673.008	434.00
LOCATION L0006050	VOLUME	482712.527	3733672.963	434.00
LOCATION L0006051	VOLUME	482726.526	3733672.917	434.00
LOCATION L0006052	VOLUME	482740.526	3733672.871	434.00
LOCATION L0006053	VOLUME	482754.526	3733672.826	434.11
LOCATION L0006054	VOLUME	482768.526	3733672.780	434.21
LOCATION L0006055	VOLUME	482782.526	3733672.734	434.55
LOCATION L0006056	VOLUME	482796.526	3733672.688	434.91
LOCATION L0006057	VOLUME	482810.526	3733672.643	435.00
LOCATION L0006058	VOLUME	482824.526	3733672.597	435.00
LOCATION L0006059	VOLUME	482838.526	3733672.551	435.00
LOCATION L0006060	VOLUME	482852.526	3733672.506	435.00
LOCATION L0006061	VOLUME	482866.526	3733672.460	435.00
LOCATION L0006062	VOLUME	482880.526	3733672.414	435.00
LOCATION L0006063	VOLUME	482894.526	3733672.369	435.00
LOCATION L0006064	VOLUME	482908.526	3733672.323	435.00
LOCATION L0006065	VOLUME	482922.525	3733672.277	435.00
LOCATION L0006066	VOLUME	482936.525	3733672.232	435.00
LOCATION L0006067	VOLUME	482950.525	3733672.186	435.00
LOCATION L0006068	VOLUME	482964.525	3733672.140	435.00
LOCATION L0006069	VOLUME	482978.525	3733672.095	435.00
LOCATION L0006070	VOLUME	482992.525	3733672.049	435.00
LOCATION L0006071	VOLUME	483006.525	3733672.003	435.00
LOCATION L0006072	VOLUME	483020.525	3733671.957	435.00
LOCATION L0006073	VOLUME	483034.525	3733671.912	435.00
LOCATION L0006074	VOLUME	483048.525	3733671.866	435.00
LOCATION L0006075	VOLUME	483062.525	3733671.820	435.00
LOCATION L0006076	VOLUME	483076.525	3733671.775	435.00
LOCATION L0006077	VOLUME	483090.525	3733671.729	435.00
LOCATION L0006078	VOLUME	483104.524	3733671.683	435.00
LOCATION L0006079	VOLUME	483118.524	3733671.638	435.00
LOCATION L0006080	VOLUME	483132.524	3733671.592	435.08
LOCATION L0006081	VOLUME	483146.524	3733671.546	435.55
LOCATION L0006082	VOLUME	483160.524	3733671.501	436.00
LOCATION L0006083	VOLUME	483174.524	3733671.455	436.00
LOCATION L0006084	VOLUME	483188.524	3733671.409	436.00
LOCATION L0006085	VOLUME	483202.524	3733671.364	436.00
LOCATION L0006086	VOLUME	483216.524	3733671.318	436.00
LOCATION L0006087	VOLUME	483230.524	3733671.272	436.00
LOCATION L0006088	VOLUME	483244.524	3733671.226	436.00
LOCATION L0006089	VOLUME	483258.524	3733671.181	436.00
LOCATION L0006090	VOLUME	483272.524	3733671.135	436.00
LOCATION L0006091	VOLUME	483283.213	3733667.767	436.00
LOCATION L0006092	VOLUME	483283.307	3733653.768	436.00
LOCATION L0006093	VOLUME	483283.401	3733639.768	436.00
LOCATION L0006094	VOLUME	483283.495	3733625.768	436.00
LOCATION L0006095	VOLUME	483283.589	3733611.769	436.00
LOCATION L0006096	VOLUME	483283.683	3733597.769	436.00
LOCATION L0006097	VOLUME	483283.777	3733583.769	436.00
LOCATION L0006098	VOLUME	483283.871	3733569.769	436.00
LOCATION L0006099	VOLUME	483283.965	3733555.770	436.00
LOCATION L0006100	VOLUME	483284.059	3733541.770	436.00
LOCATION L0006101	VOLUME	483284.153	3733527.770	436.00
LOCATION L0006102	VOLUME	483284.247	3733513.771	436.00
LOCATION L0006103	VOLUME	483284.342	3733499.771	436.00
LOCATION L0006104	VOLUME	483284.436	3733485.771	436.00
LOCATION L0006105	VOLUME	483284.530	3733471.772	436.00
LOCATION L0006106	VOLUME	483284.624	3733457.772	436.00
LOCATION L0006107	VOLUME	483284.718	3733443.772	436.00
LOCATION L0006108	VOLUME	483284.812	3733429.773	436.00

LOCATION	VOLUME				
L0006109	483284.906	3733415.773	436.00		
L0006110	483285.000	3733401.773	436.00		
L0006111	483285.094	3733387.774	436.00		
L0006112	483285.188	3733373.774	436.00		
L0006113	483285.282	3733359.774	436.00		
L0006114	483285.376	3733345.775	436.00		
L0006115	483285.470	3733331.775	436.00		
L0006116	483285.564	3733317.775	436.00		
L0006117	483285.658	3733303.775	436.00		
L0006118	483285.752	3733289.776	436.00		
L0006119	483285.847	3733275.776	436.00		
L0006120	483285.941	3733261.776	436.00		
L0006121	483286.035	3733247.777	436.00		
L0006122	483286.129	3733233.777	436.00		
L0006123	483286.223	3733219.777	436.00		
L0006124	483286.317	3733205.778	436.00		
L0006125	483286.411	3733191.778	436.00		
L0006126	483286.505	3733177.778	436.00		
L0006127	483286.599	3733163.779	436.00		
L0006128	483286.693	3733149.779	436.00		
L0006129	483286.787	3733135.779	436.00		
L0006130	483286.881	3733121.780	436.00		
L0006131	483286.975	3733107.780	436.00		
L0006132	483287.069	3733093.780	436.00		
L0006133	483287.163	3733079.781	436.00		
L0006134	483287.257	3733065.781	436.00		
L0006135	483287.351	3733051.781	436.00		
L0006136	483287.446	3733037.782	436.00		
L0006137	483287.540	3733023.782	436.00		
L0006138	483287.634	3733009.782	436.00		
L0006139	483287.728	3732995.782	436.00		
L0006140	483287.822	3732981.783	436.00		
L0006141	483287.916	3732967.783	436.00		
L0006142	483288.010	3732953.783	436.00		
L0006143	483288.104	3732939.784	436.00		
L0006144	483288.198	3732925.784	436.00		
L0006145	483288.292	3732911.784	436.00		
L0006146	483288.386	3732897.785	436.00		
L0006147	483288.480	3732883.785	436.00		

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Sherman Offsite Onroad

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 482355.528, 3733674.128, 433.95, 3.49, 6.51

** 483283.190, 3733671.100, 436.00, 3.49, 6.51

** 483288.514, 3732878.693, 436.00, 3.49, 6.51

**

LOCATION	VOLUME				
L0003908	482362.528	3733674.105	433.84		
L0003909	482376.528	3733674.059	433.97		
L0003910	482390.528	3733674.013	434.00		
L0003911	482404.528	3733673.968	434.00		
L0003912	482418.528	3733673.922	434.00		
L0003913	482432.528	3733673.876	434.00		
L0003914	482446.528	3733673.831	434.00		
L0003915	482460.528	3733673.785	434.00		
L0003916	482474.528	3733673.739	434.00		
L0003917	482488.528	3733673.694	434.00		
L0003918	482502.528	3733673.648	434.00		

LOCATION L0003919	VOLUME	482516.528	3733673.602	434.00
LOCATION L0003920	VOLUME	482530.528	3733673.557	434.00
LOCATION L0003921	VOLUME	482544.527	3733673.511	434.00
LOCATION L0003922	VOLUME	482558.527	3733673.465	434.00
LOCATION L0003923	VOLUME	482572.527	3733673.419	434.00
LOCATION L0003924	VOLUME	482586.527	3733673.374	434.00
LOCATION L0003925	VOLUME	482600.527	3733673.328	434.00
LOCATION L0003926	VOLUME	482614.527	3733673.282	434.00
LOCATION L0003927	VOLUME	482628.527	3733673.237	434.00
LOCATION L0003928	VOLUME	482642.527	3733673.191	434.00
LOCATION L0003929	VOLUME	482656.527	3733673.145	434.00
LOCATION L0003930	VOLUME	482670.527	3733673.100	434.00
LOCATION L0003931	VOLUME	482684.527	3733673.054	434.00
LOCATION L0003932	VOLUME	482698.527	3733673.008	434.00
LOCATION L0003933	VOLUME	482712.527	3733672.963	434.00
LOCATION L0003934	VOLUME	482726.526	3733672.917	434.00
LOCATION L0003935	VOLUME	482740.526	3733672.871	434.00
LOCATION L0003936	VOLUME	482754.526	3733672.826	434.11
LOCATION L0003937	VOLUME	482768.526	3733672.780	434.21
LOCATION L0003938	VOLUME	482782.526	3733672.734	434.55
LOCATION L0003939	VOLUME	482796.526	3733672.688	434.91
LOCATION L0003940	VOLUME	482810.526	3733672.643	435.00
LOCATION L0003941	VOLUME	482824.526	3733672.597	435.00
LOCATION L0003942	VOLUME	482838.526	3733672.551	435.00
LOCATION L0003943	VOLUME	482852.526	3733672.506	435.00
LOCATION L0003944	VOLUME	482866.526	3733672.460	435.00
LOCATION L0003945	VOLUME	482880.526	3733672.414	435.00
LOCATION L0003946	VOLUME	482894.526	3733672.369	435.00
LOCATION L0003947	VOLUME	482908.526	3733672.323	435.00
LOCATION L0003948	VOLUME	482922.525	3733672.277	435.00
LOCATION L0003949	VOLUME	482936.525	3733672.232	435.00
LOCATION L0003950	VOLUME	482950.525	3733672.186	435.00
LOCATION L0003951	VOLUME	482964.525	3733672.140	435.00
LOCATION L0003952	VOLUME	482978.525	3733672.095	435.00
LOCATION L0003953	VOLUME	482992.525	3733672.049	435.00
LOCATION L0003954	VOLUME	483006.525	3733672.003	435.00
LOCATION L0003955	VOLUME	483020.525	3733671.957	435.00
LOCATION L0003956	VOLUME	483034.525	3733671.912	435.00
LOCATION L0003957	VOLUME	483048.525	3733671.866	435.00
LOCATION L0003958	VOLUME	483062.525	3733671.820	435.00
LOCATION L0003959	VOLUME	483076.525	3733671.775	435.00
LOCATION L0003960	VOLUME	483090.525	3733671.729	435.00
LOCATION L0003961	VOLUME	483104.524	3733671.683	435.00
LOCATION L0003962	VOLUME	483118.524	3733671.638	435.00
LOCATION L0003963	VOLUME	483132.524	3733671.592	435.08
LOCATION L0003964	VOLUME	483146.524	3733671.546	435.55
LOCATION L0003965	VOLUME	483160.524	3733671.501	436.00
LOCATION L0003966	VOLUME	483174.524	3733671.455	436.00
LOCATION L0003967	VOLUME	483188.524	3733671.409	436.00
LOCATION L0003968	VOLUME	483202.524	3733671.364	436.00
LOCATION L0003969	VOLUME	483216.524	3733671.318	436.00
LOCATION L0003970	VOLUME	483230.524	3733671.272	436.00
LOCATION L0003971	VOLUME	483244.524	3733671.226	436.00
LOCATION L0003972	VOLUME	483258.524	3733671.181	436.00
LOCATION L0003973	VOLUME	483272.524	3733671.135	436.00
LOCATION L0003974	VOLUME	483283.213	3733667.767	436.00
LOCATION L0003975	VOLUME	483283.307	3733653.768	436.00
LOCATION L0003976	VOLUME	483283.401	3733639.768	436.00
LOCATION L0003977	VOLUME	483283.495	3733625.768	436.00
LOCATION L0003978	VOLUME	483283.589	3733611.769	436.00
LOCATION L0003979	VOLUME	483283.683	3733597.769	436.00
LOCATION L0003980	VOLUME	483283.777	3733583.769	436.00
LOCATION L0003981	VOLUME	483283.871	3733569.769	436.00
LOCATION L0003982	VOLUME	483283.965	3733555.770	436.00
LOCATION L0003983	VOLUME	483284.059	3733541.770	436.00
LOCATION L0003984	VOLUME	483284.153	3733527.770	436.00

LOCATION L0003985	VOLUME	483284.247	3733513.771	436.00
LOCATION L0003986	VOLUME	483284.342	3733499.771	436.00
LOCATION L0003987	VOLUME	483284.436	3733485.771	436.00
LOCATION L0003988	VOLUME	483284.530	3733471.772	436.00
LOCATION L0003989	VOLUME	483284.624	3733457.772	436.00
LOCATION L0003990	VOLUME	483284.718	3733443.772	436.00
LOCATION L0003991	VOLUME	483284.812	3733429.773	436.00
LOCATION L0003992	VOLUME	483284.906	3733415.773	436.00
LOCATION L0003993	VOLUME	483285.000	3733401.773	436.00
LOCATION L0003994	VOLUME	483285.094	3733387.774	436.00
LOCATION L0003995	VOLUME	483285.188	3733373.774	436.00
LOCATION L0003996	VOLUME	483285.282	3733359.774	436.00
LOCATION L0003997	VOLUME	483285.376	3733345.775	436.00
LOCATION L0003998	VOLUME	483285.470	3733331.775	436.00
LOCATION L0003999	VOLUME	483285.564	3733317.775	436.00
LOCATION L0004000	VOLUME	483285.658	3733303.775	436.00
LOCATION L0004001	VOLUME	483285.752	3733289.776	436.00
LOCATION L0004002	VOLUME	483285.847	3733275.776	436.00
LOCATION L0004003	VOLUME	483285.941	3733261.776	436.00
LOCATION L0004004	VOLUME	483286.035	3733247.777	436.00
LOCATION L0004005	VOLUME	483286.129	3733233.777	436.00
LOCATION L0004006	VOLUME	483286.223	3733219.777	436.00
LOCATION L0004007	VOLUME	483286.317	3733205.778	436.00
LOCATION L0004008	VOLUME	483286.411	3733191.778	436.00
LOCATION L0004009	VOLUME	483286.505	3733177.778	436.00
LOCATION L0004010	VOLUME	483286.599	3733163.779	436.00
LOCATION L0004011	VOLUME	483286.693	3733149.779	436.00
LOCATION L0004012	VOLUME	483286.787	3733135.779	436.00
LOCATION L0004013	VOLUME	483286.881	3733121.780	436.00
LOCATION L0004014	VOLUME	483286.975	3733107.780	436.00
LOCATION L0004015	VOLUME	483287.069	3733093.780	436.00
LOCATION L0004016	VOLUME	483287.163	3733079.781	436.00
LOCATION L0004017	VOLUME	483287.257	3733065.781	436.00
LOCATION L0004018	VOLUME	483287.351	3733051.781	436.00
LOCATION L0004019	VOLUME	483287.446	3733037.782	436.00
LOCATION L0004020	VOLUME	483287.540	3733023.782	436.00
LOCATION L0004021	VOLUME	483287.634	3733009.782	436.00
LOCATION L0004022	VOLUME	483287.728	3732995.782	436.00
LOCATION L0004023	VOLUME	483287.822	3732981.783	436.00
LOCATION L0004024	VOLUME	483287.916	3732967.783	436.00
LOCATION L0004025	VOLUME	483288.010	3732953.783	436.00
LOCATION L0004026	VOLUME	483288.104	3732939.784	436.00
LOCATION L0004027	VOLUME	483288.198	3732925.784	436.00
LOCATION L0004028	VOLUME	483288.292	3732911.784	436.00
LOCATION L0004029	VOLUME	483288.386	3732897.785	436.00
LOCATION L0004030	VOLUME	483288.480	3732883.785	436.00

** End of LINE VOLUME Source ID = SLINE9

LOCATION VOL1	VOLUME	482940.450	3733216.910	435.000
LOCATION VOL2	VOLUME	483027.465	3733215.383	435.000
LOCATION VOL3	VOLUME	482940.962	3733107.000	435.000
LOCATION VOL4	VOLUME	483051.890	3733113.615	435.000
LOCATION VOL5	VOLUME	483134.831	3733113.106	435.160
LOCATION VOL6	VOLUME	483211.157	3733113.106	436.000
LOCATION VOL7	VOLUME	482944.524	3733053.571	435.000
LOCATION VOL8	VOLUME	483053.416	3733053.571	435.000
LOCATION VOL9	VOLUME	483163.326	3733051.027	436.000
LOCATION VOL10	VOLUME	483209.631	3733055.607	436.000
LOCATION VOL11	VOLUME	483357.703	3733052.045	436.000
LOCATION VOL12	VOLUME	483430.977	3733047.974	436.000
LOCATION VOL13	VOLUME	483540.377	3733068.836	437.000
LOCATION VOL14	VOLUME	483622.301	3733066.801	437.000
LOCATION VOL15	VOLUME	483358.212	3733160.428	436.000
LOCATION VOL16	VOLUME	483462.016	3733154.322	436.060
LOCATION VOL17	VOLUME	483557.169	3733154.831	437.000
LOCATION VOL18	VOLUME	483622.301	3733155.848	437.000
LOCATION VOL19	VOLUME	483357.703	3733264.232	436.000

LOCATION	VOL	VOLUME	483461.507	3733261.687	436.050
LOCATION VOL20	VOLUME	483461.507	3733261.687	436.050	
LOCATION VOL21	VOLUME	483553.099	3733261.179	437.000	
LOCATION VOL22	VOLUME	483622.301	3733264.232	437.000	
LOCATION VOL23	VOLUME	483356.177	3733372.615	436.000	
LOCATION VOL24	VOLUME	483463.542	3733370.579	436.020	
LOCATION VOL25	VOLUME	483553.607	3733369.053	437.000	
LOCATION VOL26	VOLUME	483622.301	3733373.124	437.000	
LOCATION VOL27	VOLUME	483356.177	3733439.782	436.000	
LOCATION VOL28	VOLUME	483463.034	3733441.308	436.100	
LOCATION VOL29	VOLUME	483555.134	3733441.308	437.000	
LOCATION VOL30	VOLUME	483622.810	3733441.308	437.000	
LOCATION VOL31	VOLUME	483622.301	3733512.546	437.000	
LOCATION VOL32	VOLUME	483513.918	3733511.020	437.000	
LOCATION VOL33	VOLUME	483437.066	3733510.002	436.000	
LOCATION VOL34	VOLUME	483354.142	3733510.985	436.000	

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2
** DESCRSRC Onramp Offsite Construction
** PREFIX
** Length of Side = 20.00
** Configuration = Adjacent
** Emission Rate = 0.0016384356
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 5

** 482479.894, 3734061.053, 433.00, 0.00, 9.30
** 482484.184, 3733968.235, 433.38, 0.00, 9.30
** 482492.314, 3733912.455, 433.87, 0.00, 9.30
** 482502.477, 3733865.481, 434.00, 0.00, 9.30
** 482562.774, 3733687.750, 434.00, 0.00, 9.30

LOCATION L0003705	VOLUME	482480.355	3734051.064	433.00	
LOCATION L0003706	VOLUME	482481.279	3734031.085	433.00	
LOCATION L0003707	VOLUME	482482.203	3734011.106	433.20	
LOCATION L0003708	VOLUME	482483.126	3733991.128	433.44	
LOCATION L0003709	VOLUME	482484.050	3733971.149	433.47	
LOCATION L0003710	VOLUME	482486.648	3733951.331	433.55	
LOCATION L0003711	VOLUME	482489.533	3733931.540	433.65	
LOCATION L0003712	VOLUME	482492.465	3733911.758	433.75	
LOCATION L0003713	VOLUME	482496.694	3733892.210	433.94	
LOCATION L0003714	VOLUME	482500.923	3733872.662	434.00	
LOCATION L0003715	VOLUME	482506.542	3733853.499	434.00	
LOCATION L0003716	VOLUME	482512.968	3733834.559	434.00	
LOCATION L0003717	VOLUME	482519.393	3733815.620	434.00	
LOCATION L0003718	VOLUME	482525.819	3733796.680	434.00	
LOCATION L0003719	VOLUME	482532.244	3733777.740	434.00	
LOCATION L0003720	VOLUME	482538.670	3733758.800	434.00	
LOCATION L0003721	VOLUME	482545.095	3733739.861	434.00	
LOCATION L0003722	VOLUME	482551.521	3733720.921	434.00	
LOCATION L0003723	VOLUME	482557.946	3733701.981	434.00	

** End of LINE VOLUME Source ID = SLINE2

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10
** DESCRSRC Onramp Offsite Onroad
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.8383E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5

** 482479.894, 3734061.053, 433.00, 3.49, 4.00
** 482484.184, 3733968.235, 433.38, 3.49, 4.00
** 482492.314, 3733912.455, 433.87, 3.49, 4.00

** 482502.477, 3733865.481, 434.00, 3.49, 4.00
** 482562.774, 3733687.750, 434.00, 3.49, 4.00

** -----

LOCATION	VOLUME	482480.092	3734056.762	433.00
LOCATION L0004202	VOLUME	482480.092	3734056.762	433.00
LOCATION L0004203	VOLUME	482480.489	3734048.182	433.00
LOCATION L0004204	VOLUME	482480.885	3734039.601	433.00
LOCATION L0004205	VOLUME	482481.282	3734031.020	433.00
LOCATION L0004206	VOLUME	482481.679	3734022.439	433.05
LOCATION L0004207	VOLUME	482482.075	3734013.858	433.16
LOCATION L0004208	VOLUME	482482.472	3734005.277	433.29
LOCATION L0004209	VOLUME	482482.869	3733996.697	433.42
LOCATION L0004210	VOLUME	482483.265	3733988.116	433.44
LOCATION L0004211	VOLUME	482483.662	3733979.535	433.45
LOCATION L0004212	VOLUME	482484.059	3733970.954	433.47
LOCATION L0004213	VOLUME	482485.031	3733962.428	433.50
LOCATION L0004214	VOLUME	482486.270	3733953.928	433.54
LOCATION L0004215	VOLUME	482487.509	3733945.428	433.58
LOCATION L0004216	VOLUME	482488.747	3733936.928	433.62
LOCATION L0004217	VOLUME	482489.986	3733928.428	433.66
LOCATION L0004218	VOLUME	482491.225	3733919.927	433.71
LOCATION L0004219	VOLUME	482492.534	3733911.440	433.75
LOCATION L0004220	VOLUME	482494.350	3733903.044	433.83
LOCATION L0004221	VOLUME	482496.167	3733894.648	433.92
LOCATION L0004222	VOLUME	482497.983	3733886.253	433.98
LOCATION L0004223	VOLUME	482499.799	3733877.857	434.00
LOCATION L0004224	VOLUME	482501.616	3733869.461	434.00
LOCATION L0004225	VOLUME	482503.928	3733861.203	434.00
LOCATION L0004226	VOLUME	482506.688	3733853.068	434.00
LOCATION L0004227	VOLUME	482509.448	3733844.933	434.00
LOCATION L0004228	VOLUME	482512.208	3733836.799	434.00
LOCATION L0004229	VOLUME	482514.968	3733828.664	434.00
LOCATION L0004230	VOLUME	482517.727	3733820.530	434.00
LOCATION L0004231	VOLUME	482520.487	3733812.395	434.00
LOCATION L0004232	VOLUME	482523.247	3733804.260	434.00
LOCATION L0004233	VOLUME	482526.007	3733796.126	434.00
LOCATION L0004234	VOLUME	482528.766	3733787.991	434.00
LOCATION L0004235	VOLUME	482531.526	3733779.857	434.00
LOCATION L0004236	VOLUME	482534.286	3733771.722	434.00
LOCATION L0004237	VOLUME	482537.046	3733763.587	434.00
LOCATION L0004238	VOLUME	482539.805	3733755.453	434.00
LOCATION L0004239	VOLUME	482542.565	3733747.318	434.00
LOCATION L0004240	VOLUME	482545.325	3733739.184	434.00
LOCATION L0004241	VOLUME	482548.085	3733731.049	434.00
LOCATION L0004242	VOLUME	482550.845	3733722.914	434.00
LOCATION L0004243	VOLUME	482553.604	3733714.780	434.00
LOCATION L0004244	VOLUME	482556.364	3733706.645	434.00
LOCATION L0004245	VOLUME	482559.124	3733698.511	434.00
LOCATION L0004246	VOLUME	482561.884	3733690.376	434.00

** End of LINE VOLUME Source ID = SLINE10

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Offramp Offsite Construction

** PREFIX

** Length of Side = 20.00

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Elevated

** Vertical Dimension = 5.00

** SZINIT = 1.16

** Nodes = 5

** 482481.124, 3733268.879, 434.00, 0.00, 9.30

** 482496.719, 3733433.194, 434.00, 0.00, 9.30

** 482503.721, 3733474.524, 434.00, 0.00, 9.30

** 482521.789, 3733539.795, 434.00, 0.00, 9.30

** 482570.121, 3733659.947, 434.00, 0.00, 9.30

```

** -----
LOCATION L0006334      VOLUME  482482.069 3733278.834 434.00
LOCATION L0006335      VOLUME  482483.959 3733298.745 434.00
LOCATION L0006336      VOLUME  482485.849 3733318.655 434.00
LOCATION L0006337      VOLUME  482487.738 3733338.566 434.00
LOCATION L0006338      VOLUME  482489.628 3733358.476 434.00
LOCATION L0006339      VOLUME  482491.518 3733378.387 434.00
LOCATION L0006340      VOLUME  482493.407 3733398.297 434.00
LOCATION L0006341      VOLUME  482495.297 3733418.208 434.00
LOCATION L0006342      VOLUME  482497.546 3733438.071 434.00
LOCATION L0006343      VOLUME  482500.886 3733457.790 434.00
LOCATION L0006344      VOLUME  482504.529 3733477.442 434.00
LOCATION L0006345      VOLUME  482509.864 3733496.717 434.00
LOCATION L0006346      VOLUME  482515.200 3733515.992 434.00
LOCATION L0006347      VOLUME  482520.536 3733535.267 434.00
LOCATION L0006348      VOLUME  482527.500 3733553.992 434.00
LOCATION L0006349      VOLUME  482534.963 3733572.547 434.00
LOCATION L0006350      VOLUME  482542.427 3733591.102 434.00
LOCATION L0006351      VOLUME  482549.891 3733609.657 434.00
LOCATION L0006352      VOLUME  482557.355 3733628.212 434.00
LOCATION L0006353      VOLUME  482564.819 3733646.767 434.00

```

** End of LINE VOLUME Source ID = SLINE3

```

** -----
** Line Source Represented by Adjacent Volume Sources

```

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Offramp Offsite Onroad

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 5

```

** 482481.124, 3733268.879, 434.00, 3.49, 4.00
** 482496.719, 3733433.194, 434.00, 3.49, 4.00
** 482503.721, 3733474.524, 434.00, 3.49, 4.00
** 482521.789, 3733539.795, 434.00, 3.49, 4.00
** 482570.121, 3733659.947, 434.00, 3.49, 4.00

```

```

** -----
LOCATION L0004266      VOLUME  482481.530 3733273.155 434.00
LOCATION L0004267      VOLUME  482482.342 3733281.706 434.00
LOCATION L0004268      VOLUME  482483.153 3733290.258 434.00
LOCATION L0004269      VOLUME  482483.965 3733298.809 434.00
LOCATION L0004270      VOLUME  482484.777 3733307.361 434.00
LOCATION L0004271      VOLUME  482485.588 3733315.913 434.00
LOCATION L0004272      VOLUME  482486.400 3733324.464 434.00
LOCATION L0004273      VOLUME  482487.212 3733333.016 434.00
LOCATION L0004274      VOLUME  482488.023 3733341.567 434.00
LOCATION L0004275      VOLUME  482488.835 3733350.119 434.00
LOCATION L0004276      VOLUME  482489.646 3733358.670 434.00
LOCATION L0004277      VOLUME  482490.458 3733367.222 434.00
LOCATION L0004278      VOLUME  482491.270 3733375.774 434.00
LOCATION L0004279      VOLUME  482492.081 3733384.325 434.00
LOCATION L0004280      VOLUME  482492.893 3733392.877 434.00
LOCATION L0004281      VOLUME  482493.705 3733401.428 434.00
LOCATION L0004282      VOLUME  482494.516 3733409.980 434.00
LOCATION L0004283      VOLUME  482495.328 3733418.531 434.00
LOCATION L0004284      VOLUME  482496.140 3733427.083 434.00
LOCATION L0004285      VOLUME  482497.129 3733435.611 434.00
LOCATION L0004286      VOLUME  482498.564 3733444.080 434.00
LOCATION L0004287      VOLUME  482499.998 3733452.550 434.00
LOCATION L0004288      VOLUME  482501.433 3733461.019 434.00
LOCATION L0004289      VOLUME  482502.868 3733469.488 434.00
LOCATION L0004290      VOLUME  482504.650 3733477.881 434.00
LOCATION L0004291      VOLUME  482506.942 3733486.159 434.00
LOCATION L0004292      VOLUME  482509.233 3733494.438 434.00

```

LOCATION	VOLUME				
L0004293	482511.525	3733502.717	434.00		
L0004294	482513.817	3733510.995	434.00		
L0004295	482516.108	3733519.274	434.00		
L0004296	482518.400	3733527.553	434.00		
L0004297	482520.692	3733535.831	434.00		
L0004298	482523.460	3733543.949	434.00		
L0004299	482526.665	3733551.918	434.00		
L0004300	482529.871	3733559.887	434.00		
L0004301	482533.077	3733567.857	434.00		
L0004302	482536.283	3733575.826	434.00		
L0004303	482539.488	3733583.796	434.00		
L0004304	482542.694	3733591.765	434.00		
L0004305	482545.900	3733599.734	434.00		
L0004306	482549.106	3733607.704	434.00		
L0004307	482552.311	3733615.673	434.00		
L0004308	482555.517	3733623.643	434.00		
L0004309	482558.723	3733631.612	434.00		
L0004310	482561.929	3733639.581	434.00		
L0004311	482565.134	3733647.551	434.00		
L0004312	482568.340	3733655.520	434.00		

** End of LINE VOLUME Source ID = SLINE11

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Ethanac Offsite Construction

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 2

** 482564.943, 3733673.837, 434.00, 0.00, 6.51

** 484089.507, 3733665.377, 440.00, 0.00, 6.51

** -----

LOCATION	VOLUME				
L0006354	482571.943	3733673.798	434.00		
L0006355	482585.943	3733673.720	434.00		
L0006356	482599.942	3733673.642	434.00		
L0006357	482613.942	3733673.565	434.00		
L0006358	482627.942	3733673.487	434.00		
L0006359	482641.942	3733673.409	434.00		
L0006360	482655.942	3733673.332	434.00		
L0006361	482669.941	3733673.254	434.00		
L0006362	482683.941	3733673.176	434.00		
L0006363	482697.941	3733673.099	434.00		
L0006364	482711.941	3733673.021	434.00		
L0006365	482725.941	3733672.943	434.00		
L0006366	482739.940	3733672.866	434.00		
L0006367	482753.940	3733672.788	434.10		
L0006368	482767.940	3733672.710	434.21		
L0006369	482781.940	3733672.632	434.53		
L0006370	482795.939	3733672.555	434.89		
L0006371	482809.939	3733672.477	435.00		
L0006372	482823.939	3733672.399	435.00		
L0006373	482837.939	3733672.322	435.00		
L0006374	482851.939	3733672.244	435.00		
L0006375	482865.938	3733672.166	435.00		
L0006376	482879.938	3733672.089	435.00		
L0006377	482893.938	3733672.011	435.00		
L0006378	482907.938	3733671.933	435.00		
L0006379	482921.937	3733671.856	435.00		
L0006380	482935.937	3733671.778	435.00		
L0006381	482949.937	3733671.700	435.00		
L0006382	482963.937	3733671.623	435.00		
L0006383	482977.937	3733671.545	435.00		
L0006384	482991.936	3733671.467	435.00		

LOCATION	L0006385	VOLUME	483005.936	3733671.390	435.00
LOCATION	L0006386	VOLUME	483019.936	3733671.312	435.00
LOCATION	L0006387	VOLUME	483033.936	3733671.234	435.00
LOCATION	L0006388	VOLUME	483047.936	3733671.156	435.00
LOCATION	L0006389	VOLUME	483061.935	3733671.079	435.00
LOCATION	L0006390	VOLUME	483075.935	3733671.001	435.00
LOCATION	L0006391	VOLUME	483089.935	3733670.923	435.00
LOCATION	L0006392	VOLUME	483103.935	3733670.846	435.00
LOCATION	L0006393	VOLUME	483117.934	3733670.768	435.00
LOCATION	L0006394	VOLUME	483131.934	3733670.690	435.06
LOCATION	L0006395	VOLUME	483145.934	3733670.613	435.53
LOCATION	L0006396	VOLUME	483159.934	3733670.535	436.00
LOCATION	L0006397	VOLUME	483173.934	3733670.457	436.00
LOCATION	L0006398	VOLUME	483187.933	3733670.380	436.00
LOCATION	L0006399	VOLUME	483201.933	3733670.302	436.00
LOCATION	L0006400	VOLUME	483215.933	3733670.224	436.00
LOCATION	L0006401	VOLUME	483229.933	3733670.147	436.00
LOCATION	L0006402	VOLUME	483243.933	3733670.069	436.00
LOCATION	L0006403	VOLUME	483257.932	3733669.991	436.00
LOCATION	L0006404	VOLUME	483271.932	3733669.914	436.00
LOCATION	L0006405	VOLUME	483285.932	3733669.836	436.00
LOCATION	L0006406	VOLUME	483299.932	3733669.758	436.00
LOCATION	L0006407	VOLUME	483313.931	3733669.681	436.00
LOCATION	L0006408	VOLUME	483327.931	3733669.603	436.00
LOCATION	L0006409	VOLUME	483341.931	3733669.525	436.00
LOCATION	L0006410	VOLUME	483355.931	3733669.447	436.00
LOCATION	L0006411	VOLUME	483369.931	3733669.370	436.00
LOCATION	L0006412	VOLUME	483383.930	3733669.292	436.46
LOCATION	L0006413	VOLUME	483397.930	3733669.214	436.93
LOCATION	L0006414	VOLUME	483411.930	3733669.137	437.00
LOCATION	L0006415	VOLUME	483425.930	3733669.059	437.00
LOCATION	L0006416	VOLUME	483439.930	3733668.981	437.00
LOCATION	L0006417	VOLUME	483453.929	3733668.904	437.00
LOCATION	L0006418	VOLUME	483467.929	3733668.826	437.00
LOCATION	L0006419	VOLUME	483481.929	3733668.748	437.00
LOCATION	L0006420	VOLUME	483495.929	3733668.671	437.00
LOCATION	L0006421	VOLUME	483509.928	3733668.593	437.00
LOCATION	L0006422	VOLUME	483523.928	3733668.515	437.00
LOCATION	L0006423	VOLUME	483537.928	3733668.438	437.00
LOCATION	L0006424	VOLUME	483551.928	3733668.360	437.00
LOCATION	L0006425	VOLUME	483565.928	3733668.282	437.00
LOCATION	L0006426	VOLUME	483579.927	3733668.205	437.00
LOCATION	L0006427	VOLUME	483593.927	3733668.127	437.03
LOCATION	L0006428	VOLUME	483607.927	3733668.049	437.06
LOCATION	L0006429	VOLUME	483621.927	3733667.972	437.43
LOCATION	L0006430	VOLUME	483635.926	3733667.894	437.87
LOCATION	L0006431	VOLUME	483649.926	3733667.816	438.00
LOCATION	L0006432	VOLUME	483663.926	3733667.738	438.00
LOCATION	L0006433	VOLUME	483677.926	3733667.661	438.00
LOCATION	L0006434	VOLUME	483691.926	3733667.583	438.00
LOCATION	L0006435	VOLUME	483705.925	3733667.505	438.00
LOCATION	L0006436	VOLUME	483719.925	3733667.428	438.00
LOCATION	L0006437	VOLUME	483733.925	3733667.350	438.00
LOCATION	L0006438	VOLUME	483747.925	3733667.272	438.00
LOCATION	L0006439	VOLUME	483761.925	3733667.195	438.00
LOCATION	L0006440	VOLUME	483775.924	3733667.117	438.00
LOCATION	L0006441	VOLUME	483789.924	3733667.039	438.00
LOCATION	L0006442	VOLUME	483803.924	3733666.962	438.00
LOCATION	L0006443	VOLUME	483817.924	3733666.884	438.00
LOCATION	L0006444	VOLUME	483831.923	3733666.806	438.39
LOCATION	L0006445	VOLUME	483845.923	3733666.729	438.86
LOCATION	L0006446	VOLUME	483859.923	3733666.651	439.00
LOCATION	L0006447	VOLUME	483873.923	3733666.573	439.00
LOCATION	L0006448	VOLUME	483887.923	3733666.496	439.00
LOCATION	L0006449	VOLUME	483901.922	3733666.418	439.00
LOCATION	L0006450	VOLUME	483915.922	3733666.340	439.00

LOCATION	VOLUME				
L0006451	483929.922	3733666.262	439.00		
L0006452	483943.922	3733666.185	439.00		
L0006453	483957.922	3733666.107	439.00		
L0006454	483971.921	3733666.029	439.00		
L0006455	483985.921	3733665.952	439.00		
L0006456	483999.921	3733665.874	439.00		
L0006457	484013.921	3733665.796	439.46		
L0006458	484027.920	3733665.719	439.93		
L0006459	484041.920	3733665.641	440.00		
L0006460	484055.920	3733665.563	440.00		
L0006461	484069.920	3733665.486	440.00		
L0006462	484083.920	3733665.408	440.00		

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Ethanac Offsite Onroad

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482564.943, 3733673.837, 434.00, 3.49, 6.51

** 484089.507, 3733665.377, 440.00, 3.49, 6.51

** -----

LOCATION	VOLUME				
L0005277	482571.943	3733673.798	434.00		
L0005278	482585.943	3733673.720	434.00		
L0005279	482599.942	3733673.642	434.00		
L0005280	482613.942	3733673.565	434.00		
L0005281	482627.942	3733673.487	434.00		
L0005282	482641.942	3733673.409	434.00		
L0005283	482655.942	3733673.332	434.00		
L0005284	482669.941	3733673.254	434.00		
L0005285	482683.941	3733673.176	434.00		
L0005286	482697.941	3733673.099	434.00		
L0005287	482711.941	3733673.021	434.00		
L0005288	482725.941	3733672.943	434.00		
L0005289	482739.940	3733672.866	434.00		
L0005290	482753.940	3733672.788	434.10		
L0005291	482767.940	3733672.710	434.21		
L0005292	482781.940	3733672.632	434.53		
L0005293	482795.939	3733672.555	434.89		
L0005294	482809.939	3733672.477	435.00		
L0005295	482823.939	3733672.399	435.00		
L0005296	482837.939	3733672.322	435.00		
L0005297	482851.939	3733672.244	435.00		
L0005298	482865.938	3733672.166	435.00		
L0005299	482879.938	3733672.089	435.00		
L0005300	482893.938	3733672.011	435.00		
L0005301	482907.938	3733671.933	435.00		
L0005302	482921.937	3733671.856	435.00		
L0005303	482935.937	3733671.778	435.00		
L0005304	482949.937	3733671.700	435.00		
L0005305	482963.937	3733671.623	435.00		
L0005306	482977.937	3733671.545	435.00		
L0005307	482991.936	3733671.467	435.00		
L0005308	483005.936	3733671.390	435.00		
L0005309	483019.936	3733671.312	435.00		
L0005310	483033.936	3733671.234	435.00		
L0005311	483047.936	3733671.156	435.00		
L0005312	483061.935	3733671.079	435.00		
L0005313	483075.935	3733671.001	435.00		
L0005314	483089.935	3733670.923	435.00		
L0005315	483103.935	3733670.846	435.00		

LOCATION	L0005316	VOLUME	483117.934	3733670.768	435.00
LOCATION	L0005317	VOLUME	483131.934	3733670.690	435.06
LOCATION	L0005318	VOLUME	483145.934	3733670.613	435.53
LOCATION	L0005319	VOLUME	483159.934	3733670.535	436.00
LOCATION	L0005320	VOLUME	483173.934	3733670.457	436.00
LOCATION	L0005321	VOLUME	483187.933	3733670.380	436.00
LOCATION	L0005322	VOLUME	483201.933	3733670.302	436.00
LOCATION	L0005323	VOLUME	483215.933	3733670.224	436.00
LOCATION	L0005324	VOLUME	483229.933	3733670.147	436.00
LOCATION	L0005325	VOLUME	483243.933	3733670.069	436.00
LOCATION	L0005326	VOLUME	483257.932	3733669.991	436.00
LOCATION	L0005327	VOLUME	483271.932	3733669.914	436.00
LOCATION	L0005328	VOLUME	483285.932	3733669.836	436.00
LOCATION	L0005329	VOLUME	483299.932	3733669.758	436.00
LOCATION	L0005330	VOLUME	483313.931	3733669.681	436.00
LOCATION	L0005331	VOLUME	483327.931	3733669.603	436.00
LOCATION	L0005332	VOLUME	483341.931	3733669.525	436.00
LOCATION	L0005333	VOLUME	483355.931	3733669.447	436.00
LOCATION	L0005334	VOLUME	483369.931	3733669.370	436.00
LOCATION	L0005335	VOLUME	483383.930	3733669.292	436.46
LOCATION	L0005336	VOLUME	483397.930	3733669.214	436.93
LOCATION	L0005337	VOLUME	483411.930	3733669.137	437.00
LOCATION	L0005338	VOLUME	483425.930	3733669.059	437.00
LOCATION	L0005339	VOLUME	483439.930	3733668.981	437.00
LOCATION	L0005340	VOLUME	483453.929	3733668.904	437.00
LOCATION	L0005341	VOLUME	483467.929	3733668.826	437.00
LOCATION	L0005342	VOLUME	483481.929	3733668.748	437.00
LOCATION	L0005343	VOLUME	483495.929	3733668.671	437.00
LOCATION	L0005344	VOLUME	483509.928	3733668.593	437.00
LOCATION	L0005345	VOLUME	483523.928	3733668.515	437.00
LOCATION	L0005346	VOLUME	483537.928	3733668.438	437.00
LOCATION	L0005347	VOLUME	483551.928	3733668.360	437.00
LOCATION	L0005348	VOLUME	483565.928	3733668.282	437.00
LOCATION	L0005349	VOLUME	483579.927	3733668.205	437.00
LOCATION	L0005350	VOLUME	483593.927	3733668.127	437.03
LOCATION	L0005351	VOLUME	483607.927	3733668.049	437.06
LOCATION	L0005352	VOLUME	483621.927	3733667.972	437.43
LOCATION	L0005353	VOLUME	483635.926	3733667.894	437.87
LOCATION	L0005354	VOLUME	483649.926	3733667.816	438.00
LOCATION	L0005355	VOLUME	483663.926	3733667.738	438.00
LOCATION	L0005356	VOLUME	483677.926	3733667.661	438.00
LOCATION	L0005357	VOLUME	483691.926	3733667.583	438.00
LOCATION	L0005358	VOLUME	483705.925	3733667.505	438.00
LOCATION	L0005359	VOLUME	483719.925	3733667.428	438.00
LOCATION	L0005360	VOLUME	483733.925	3733667.350	438.00
LOCATION	L0005361	VOLUME	483747.925	3733667.272	438.00
LOCATION	L0005362	VOLUME	483761.925	3733667.195	438.00
LOCATION	L0005363	VOLUME	483775.924	3733667.117	438.00
LOCATION	L0005364	VOLUME	483789.924	3733667.039	438.00
LOCATION	L0005365	VOLUME	483803.924	3733666.962	438.00
LOCATION	L0005366	VOLUME	483817.924	3733666.884	438.00
LOCATION	L0005367	VOLUME	483831.923	3733666.806	438.39
LOCATION	L0005368	VOLUME	483845.923	3733666.729	438.86
LOCATION	L0005369	VOLUME	483859.923	3733666.651	439.00
LOCATION	L0005370	VOLUME	483873.923	3733666.573	439.00
LOCATION	L0005371	VOLUME	483887.923	3733666.496	439.00
LOCATION	L0005372	VOLUME	483901.922	3733666.418	439.00
LOCATION	L0005373	VOLUME	483915.922	3733666.340	439.00
LOCATION	L0005374	VOLUME	483929.922	3733666.262	439.00
LOCATION	L0005375	VOLUME	483943.922	3733666.185	439.00
LOCATION	L0005376	VOLUME	483957.922	3733666.107	439.00
LOCATION	L0005377	VOLUME	483971.921	3733666.029	439.00
LOCATION	L0005378	VOLUME	483985.921	3733665.952	439.00
LOCATION	L0005379	VOLUME	483999.921	3733665.874	439.00
LOCATION	L0005380	VOLUME	484013.921	3733665.796	439.46
LOCATION	L0005381	VOLUME	484027.920	3733665.719	439.93

LOCATION	L0005382	VOLUME	484041.920	3733665.641	440.00
LOCATION	L0005383	VOLUME	484055.920	3733665.563	440.00
LOCATION	L0005384	VOLUME	484069.920	3733665.486	440.00
LOCATION	L0005385	VOLUME	484083.920	3733665.408	440.00

** End of LINE VOLUME Source ID = SLINE12

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Trumble Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 2

** 482876.965, 3733664.805, 435.00, 0.00, 4.00

** 482884.407, 3732863.446, 435.00, 0.00, 4.00

**

LOCATION	L0006463	VOLUME	482877.005	3733660.510	435.00
LOCATION	L0006464	VOLUME	482877.085	3733651.920	435.00
LOCATION	L0006465	VOLUME	482877.164	3733643.331	435.00
LOCATION	L0006466	VOLUME	482877.244	3733634.741	435.00
LOCATION	L0006467	VOLUME	482877.324	3733626.152	435.00
LOCATION	L0006468	VOLUME	482877.404	3733617.562	435.00
LOCATION	L0006469	VOLUME	482877.484	3733608.972	435.00
LOCATION	L0006470	VOLUME	482877.563	3733600.383	435.00
LOCATION	L0006471	VOLUME	482877.643	3733591.793	435.00
LOCATION	L0006472	VOLUME	482877.723	3733583.203	435.00
LOCATION	L0006473	VOLUME	482877.803	3733574.614	435.00
LOCATION	L0006474	VOLUME	482877.882	3733566.024	435.00
LOCATION	L0006475	VOLUME	482877.962	3733557.435	435.00
LOCATION	L0006476	VOLUME	482878.042	3733548.845	435.00
LOCATION	L0006477	VOLUME	482878.122	3733540.255	435.00
LOCATION	L0006478	VOLUME	482878.201	3733531.666	435.00
LOCATION	L0006479	VOLUME	482878.281	3733523.076	435.00
LOCATION	L0006480	VOLUME	482878.361	3733514.486	435.00
LOCATION	L0006481	VOLUME	482878.441	3733505.897	435.00
LOCATION	L0006482	VOLUME	482878.521	3733497.307	435.00
LOCATION	L0006483	VOLUME	482878.600	3733488.717	435.00
LOCATION	L0006484	VOLUME	482878.680	3733480.128	435.00
LOCATION	L0006485	VOLUME	482878.760	3733471.538	435.00
LOCATION	L0006486	VOLUME	482878.840	3733462.949	435.00
LOCATION	L0006487	VOLUME	482878.919	3733454.359	435.00
LOCATION	L0006488	VOLUME	482878.999	3733445.769	435.00
LOCATION	L0006489	VOLUME	482879.079	3733437.180	435.00
LOCATION	L0006490	VOLUME	482879.159	3733428.590	435.00
LOCATION	L0006491	VOLUME	482879.239	3733420.000	435.00
LOCATION	L0006492	VOLUME	482879.318	3733411.411	435.00
LOCATION	L0006493	VOLUME	482879.398	3733402.821	435.00
LOCATION	L0006494	VOLUME	482879.478	3733394.232	435.00
LOCATION	L0006495	VOLUME	482879.558	3733385.642	435.00
LOCATION	L0006496	VOLUME	482879.637	3733377.052	435.00
LOCATION	L0006497	VOLUME	482879.717	3733368.463	435.00
LOCATION	L0006498	VOLUME	482879.797	3733359.873	435.00
LOCATION	L0006499	VOLUME	482879.877	3733351.283	435.00
LOCATION	L0006500	VOLUME	482879.956	3733342.694	435.00
LOCATION	L0006501	VOLUME	482880.036	3733334.104	435.00
LOCATION	L0006502	VOLUME	482880.116	3733325.515	435.00
LOCATION	L0006503	VOLUME	482880.196	3733316.925	435.00
LOCATION	L0006504	VOLUME	482880.276	3733308.335	435.00
LOCATION	L0006505	VOLUME	482880.355	3733299.746	435.00
LOCATION	L0006506	VOLUME	482880.435	3733291.156	435.00
LOCATION	L0006507	VOLUME	482880.515	3733282.566	435.00
LOCATION	L0006508	VOLUME	482880.595	3733273.977	435.00
LOCATION	L0006509	VOLUME	482880.674	3733265.387	435.00

LOCATION L0006510	VOLUME	482880.754	3733256.797	435.00
LOCATION L0006511	VOLUME	482880.834	3733248.208	435.00
LOCATION L0006512	VOLUME	482880.914	3733239.618	435.00
LOCATION L0006513	VOLUME	482880.993	3733231.029	435.00
LOCATION L0006514	VOLUME	482881.073	3733222.439	435.00
LOCATION L0006515	VOLUME	482881.153	3733213.849	435.00
LOCATION L0006516	VOLUME	482881.233	3733205.260	435.00
LOCATION L0006517	VOLUME	482881.313	3733196.670	435.00
LOCATION L0006518	VOLUME	482881.392	3733188.080	435.00
LOCATION L0006519	VOLUME	482881.472	3733179.491	435.00
LOCATION L0006520	VOLUME	482881.552	3733170.901	435.00
LOCATION L0006521	VOLUME	482881.632	3733162.312	435.00
LOCATION L0006522	VOLUME	482881.711	3733153.722	435.00
LOCATION L0006523	VOLUME	482881.791	3733145.132	435.00
LOCATION L0006524	VOLUME	482881.871	3733136.543	435.00
LOCATION L0006525	VOLUME	482881.951	3733127.953	435.00
LOCATION L0006526	VOLUME	482882.031	3733119.363	435.00
LOCATION L0006527	VOLUME	482882.110	3733110.774	435.00
LOCATION L0006528	VOLUME	482882.190	3733102.184	435.00
LOCATION L0006529	VOLUME	482882.270	3733093.595	435.00
LOCATION L0006530	VOLUME	482882.350	3733085.005	435.00
LOCATION L0006531	VOLUME	482882.429	3733076.415	435.00
LOCATION L0006532	VOLUME	482882.509	3733067.826	435.00
LOCATION L0006533	VOLUME	482882.589	3733059.236	435.00
LOCATION L0006534	VOLUME	482882.669	3733050.646	435.00
LOCATION L0006535	VOLUME	482882.748	3733042.057	435.00
LOCATION L0006536	VOLUME	482882.828	3733033.467	435.00
LOCATION L0006537	VOLUME	482882.908	3733024.877	435.00
LOCATION L0006538	VOLUME	482882.988	3733016.288	435.00
LOCATION L0006539	VOLUME	482883.068	3733007.698	435.00
LOCATION L0006540	VOLUME	482883.147	3732999.109	435.00
LOCATION L0006541	VOLUME	482883.227	3732990.519	435.00
LOCATION L0006542	VOLUME	482883.307	3732981.929	435.00
LOCATION L0006543	VOLUME	482883.387	3732973.340	435.00
LOCATION L0006544	VOLUME	482883.466	3732964.750	435.00
LOCATION L0006545	VOLUME	482883.546	3732956.160	435.00
LOCATION L0006546	VOLUME	482883.626	3732947.571	435.00
LOCATION L0006547	VOLUME	482883.706	3732938.981	435.00
LOCATION L0006548	VOLUME	482883.785	3732930.392	435.00
LOCATION L0006549	VOLUME	482883.865	3732921.802	435.00
LOCATION L0006550	VOLUME	482883.945	3732913.212	435.00
LOCATION L0006551	VOLUME	482884.025	3732904.623	435.00
LOCATION L0006552	VOLUME	482884.105	3732896.033	435.00
LOCATION L0006553	VOLUME	482884.184	3732887.443	435.00
LOCATION L0006554	VOLUME	482884.264	3732878.854	435.00
LOCATION L0006555	VOLUME	482884.344	3732870.264	435.00

** End of LINE VOLUME Source ID = SLINE6

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Trumble Offsite Onroad

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482876.965, 3733664.805, 435.00, 3.49, 4.00

** 482884.407, 3732863.446, 435.00, 3.49, 4.00

**

LOCATION L0006556	VOLUME	482877.005	3733660.510	435.00
LOCATION L0006557	VOLUME	482877.085	3733651.920	435.00
LOCATION L0006558	VOLUME	482877.164	3733643.331	435.00
LOCATION L0006559	VOLUME	482877.244	3733634.741	435.00
LOCATION L0006560	VOLUME	482877.324	3733626.152	435.00

LOCATION	L0006561	VOLUME	482877.404	3733617.562	435.00
LOCATION	L0006562	VOLUME	482877.484	3733608.972	435.00
LOCATION	L0006563	VOLUME	482877.563	3733600.383	435.00
LOCATION	L0006564	VOLUME	482877.643	3733591.793	435.00
LOCATION	L0006565	VOLUME	482877.723	3733583.203	435.00
LOCATION	L0006566	VOLUME	482877.803	3733574.614	435.00
LOCATION	L0006567	VOLUME	482877.882	3733566.024	435.00
LOCATION	L0006568	VOLUME	482877.962	3733557.435	435.00
LOCATION	L0006569	VOLUME	482878.042	3733548.845	435.00
LOCATION	L0006570	VOLUME	482878.122	3733540.255	435.00
LOCATION	L0006571	VOLUME	482878.201	3733531.666	435.00
LOCATION	L0006572	VOLUME	482878.281	3733523.076	435.00
LOCATION	L0006573	VOLUME	482878.361	3733514.486	435.00
LOCATION	L0006574	VOLUME	482878.441	3733505.897	435.00
LOCATION	L0006575	VOLUME	482878.521	3733497.307	435.00
LOCATION	L0006576	VOLUME	482878.600	3733488.717	435.00
LOCATION	L0006577	VOLUME	482878.680	3733480.128	435.00
LOCATION	L0006578	VOLUME	482878.760	3733471.538	435.00
LOCATION	L0006579	VOLUME	482878.840	3733462.949	435.00
LOCATION	L0006580	VOLUME	482878.919	3733454.359	435.00
LOCATION	L0006581	VOLUME	482878.999	3733445.769	435.00
LOCATION	L0006582	VOLUME	482879.079	3733437.180	435.00
LOCATION	L0006583	VOLUME	482879.159	3733428.590	435.00
LOCATION	L0006584	VOLUME	482879.239	3733420.000	435.00
LOCATION	L0006585	VOLUME	482879.318	3733411.411	435.00
LOCATION	L0006586	VOLUME	482879.398	3733402.821	435.00
LOCATION	L0006587	VOLUME	482879.478	3733394.232	435.00
LOCATION	L0006588	VOLUME	482879.558	3733385.642	435.00
LOCATION	L0006589	VOLUME	482879.637	3733377.052	435.00
LOCATION	L0006590	VOLUME	482879.717	3733368.463	435.00
LOCATION	L0006591	VOLUME	482879.797	3733359.873	435.00
LOCATION	L0006592	VOLUME	482879.877	3733351.283	435.00
LOCATION	L0006593	VOLUME	482879.956	3733342.694	435.00
LOCATION	L0006594	VOLUME	482880.036	3733334.104	435.00
LOCATION	L0006595	VOLUME	482880.116	3733325.515	435.00
LOCATION	L0006596	VOLUME	482880.196	3733316.925	435.00
LOCATION	L0006597	VOLUME	482880.276	3733308.335	435.00
LOCATION	L0006598	VOLUME	482880.355	3733299.746	435.00
LOCATION	L0006599	VOLUME	482880.435	3733291.156	435.00
LOCATION	L0006600	VOLUME	482880.515	3733282.566	435.00
LOCATION	L0006601	VOLUME	482880.595	3733273.977	435.00
LOCATION	L0006602	VOLUME	482880.674	3733265.387	435.00
LOCATION	L0006603	VOLUME	482880.754	3733256.797	435.00
LOCATION	L0006604	VOLUME	482880.834	3733248.208	435.00
LOCATION	L0006605	VOLUME	482880.914	3733239.618	435.00
LOCATION	L0006606	VOLUME	482880.993	3733231.029	435.00
LOCATION	L0006607	VOLUME	482881.073	3733222.439	435.00
LOCATION	L0006608	VOLUME	482881.153	3733213.849	435.00
LOCATION	L0006609	VOLUME	482881.233	3733205.260	435.00
LOCATION	L0006610	VOLUME	482881.313	3733196.670	435.00
LOCATION	L0006611	VOLUME	482881.392	3733188.080	435.00
LOCATION	L0006612	VOLUME	482881.472	3733179.491	435.00
LOCATION	L0006613	VOLUME	482881.552	3733170.901	435.00
LOCATION	L0006614	VOLUME	482881.632	3733162.312	435.00
LOCATION	L0006615	VOLUME	482881.711	3733153.722	435.00
LOCATION	L0006616	VOLUME	482881.791	3733145.132	435.00
LOCATION	L0006617	VOLUME	482881.871	3733136.543	435.00
LOCATION	L0006618	VOLUME	482881.951	3733127.953	435.00
LOCATION	L0006619	VOLUME	482882.031	3733119.363	435.00
LOCATION	L0006620	VOLUME	482882.110	3733110.774	435.00
LOCATION	L0006621	VOLUME	482882.190	3733102.184	435.00
LOCATION	L0006622	VOLUME	482882.270	3733093.595	435.00
LOCATION	L0006623	VOLUME	482882.350	3733085.005	435.00
LOCATION	L0006624	VOLUME	482882.429	3733076.415	435.00
LOCATION	L0006625	VOLUME	482882.509	3733067.826	435.00
LOCATION	L0006626	VOLUME	482882.589	3733059.236	435.00

LOCATION	L0006627	VOLUME	482882.669	3733050.646	435.00
LOCATION	L0006628	VOLUME	482882.748	3733042.057	435.00
LOCATION	L0006629	VOLUME	482882.828	3733033.467	435.00
LOCATION	L0006630	VOLUME	482882.908	3733024.877	435.00
LOCATION	L0006631	VOLUME	482882.988	3733016.288	435.00
LOCATION	L0006632	VOLUME	482883.068	3733007.698	435.00
LOCATION	L0006633	VOLUME	482883.147	3732999.109	435.00
LOCATION	L0006634	VOLUME	482883.227	3732990.519	435.00
LOCATION	L0006635	VOLUME	482883.307	3732981.929	435.00
LOCATION	L0006636	VOLUME	482883.387	3732973.340	435.00
LOCATION	L0006637	VOLUME	482883.466	3732964.750	435.00
LOCATION	L0006638	VOLUME	482883.546	3732956.160	435.00
LOCATION	L0006639	VOLUME	482883.626	3732947.571	435.00
LOCATION	L0006640	VOLUME	482883.706	3732938.981	435.00
LOCATION	L0006641	VOLUME	482883.785	3732930.392	435.00
LOCATION	L0006642	VOLUME	482883.865	3732921.802	435.00
LOCATION	L0006643	VOLUME	482883.945	3732913.212	435.00
LOCATION	L0006644	VOLUME	482884.025	3732904.623	435.00
LOCATION	L0006645	VOLUME	482884.105	3732896.033	435.00
LOCATION	L0006646	VOLUME	482884.184	3732887.443	435.00
LOCATION	L0006647	VOLUME	482884.264	3732878.854	435.00
LOCATION	L0006648	VOLUME	482884.344	3732870.264	435.00

** End of LINE VOLUME Source ID = SLINE13

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Mclaughlin Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 3

** 482892.651, 3732881.969, 435.00, 0.00, 4.00

** 483687.618, 3732874.922, 437.00, 0.00, 4.00

** 483689.028, 3733009.531, 437.00, 0.00, 4.00

**

LOCATION	L0006649	VOLUME	482896.945	3732881.931	435.00
LOCATION	L0006650	VOLUME	482905.535	3732881.855	435.00
LOCATION	L0006651	VOLUME	482914.125	3732881.779	435.00
LOCATION	L0006652	VOLUME	482922.714	3732881.703	435.00
LOCATION	L0006653	VOLUME	482931.304	3732881.627	435.00
LOCATION	L0006654	VOLUME	482939.894	3732881.551	435.00
LOCATION	L0006655	VOLUME	482948.483	3732881.474	435.00
LOCATION	L0006656	VOLUME	482957.073	3732881.398	435.00
LOCATION	L0006657	VOLUME	482965.663	3732881.322	435.00
LOCATION	L0006658	VOLUME	482974.252	3732881.246	435.00
LOCATION	L0006659	VOLUME	482982.842	3732881.170	435.00
LOCATION	L0006660	VOLUME	482991.432	3732881.094	435.00
LOCATION	L0006661	VOLUME	483000.021	3732881.018	435.00
LOCATION	L0006662	VOLUME	483008.611	3732880.941	435.00
LOCATION	L0006663	VOLUME	483017.201	3732880.865	435.00
LOCATION	L0006664	VOLUME	483025.790	3732880.789	435.00
LOCATION	L0006665	VOLUME	483034.380	3732880.713	435.00
LOCATION	L0006666	VOLUME	483042.970	3732880.637	435.10
LOCATION	L0006667	VOLUME	483051.559	3732880.561	435.38
LOCATION	L0006668	VOLUME	483060.149	3732880.485	435.67
LOCATION	L0006669	VOLUME	483068.739	3732880.408	435.96
LOCATION	L0006670	VOLUME	483077.328	3732880.332	436.00
LOCATION	L0006671	VOLUME	483085.918	3732880.256	436.00
LOCATION	L0006672	VOLUME	483094.508	3732880.180	436.00
LOCATION	L0006673	VOLUME	483103.097	3732880.104	436.00
LOCATION	L0006674	VOLUME	483111.687	3732880.028	436.00
LOCATION	L0006675	VOLUME	483120.277	3732879.951	436.00
LOCATION	L0006676	VOLUME	483128.866	3732879.875	436.00

LOCATION	L0006677	VOLUME	483137.456	3732879.799	436.00
LOCATION	L0006678	VOLUME	483146.046	3732879.723	436.00
LOCATION	L0006679	VOLUME	483154.635	3732879.647	436.00
LOCATION	L0006680	VOLUME	483163.225	3732879.571	436.00
LOCATION	L0006681	VOLUME	483171.815	3732879.495	436.00
LOCATION	L0006682	VOLUME	483180.404	3732879.418	436.00
LOCATION	L0006683	VOLUME	483188.994	3732879.342	436.00
LOCATION	L0006684	VOLUME	483197.584	3732879.266	436.00
LOCATION	L0006685	VOLUME	483206.173	3732879.190	436.00
LOCATION	L0006686	VOLUME	483214.763	3732879.114	436.00
LOCATION	L0006687	VOLUME	483223.353	3732879.038	436.00
LOCATION	L0006688	VOLUME	483231.942	3732878.962	436.00
LOCATION	L0006689	VOLUME	483240.532	3732878.885	436.00
LOCATION	L0006690	VOLUME	483249.122	3732878.809	436.00
LOCATION	L0006691	VOLUME	483257.711	3732878.733	436.00
LOCATION	L0006692	VOLUME	483266.301	3732878.657	436.00
LOCATION	L0006693	VOLUME	483274.891	3732878.581	436.00
LOCATION	L0006694	VOLUME	483283.480	3732878.505	436.00
LOCATION	L0006695	VOLUME	483292.070	3732878.428	436.00
LOCATION	L0006696	VOLUME	483300.659	3732878.352	436.00
LOCATION	L0006697	VOLUME	483309.249	3732878.276	436.00
LOCATION	L0006698	VOLUME	483317.839	3732878.200	436.00
LOCATION	L0006699	VOLUME	483326.428	3732878.124	436.00
LOCATION	L0006700	VOLUME	483335.018	3732878.048	436.00
LOCATION	L0006701	VOLUME	483343.608	3732877.972	436.00
LOCATION	L0006702	VOLUME	483352.197	3732877.895	436.00
LOCATION	L0006703	VOLUME	483360.787	3732877.819	436.00
LOCATION	L0006704	VOLUME	483369.377	3732877.743	436.00
LOCATION	L0006705	VOLUME	483377.966	3732877.667	436.07
LOCATION	L0006706	VOLUME	483386.556	3732877.591	436.15
LOCATION	L0006707	VOLUME	483395.146	3732877.515	436.24
LOCATION	L0006708	VOLUME	483403.735	3732877.439	436.37
LOCATION	L0006709	VOLUME	483412.325	3732877.362	436.58
LOCATION	L0006710	VOLUME	483420.915	3732877.286	436.78
LOCATION	L0006711	VOLUME	483429.504	3732877.210	436.99
LOCATION	L0006712	VOLUME	483438.094	3732877.134	437.00
LOCATION	L0006713	VOLUME	483446.684	3732877.058	437.00
LOCATION	L0006714	VOLUME	483455.273	3732876.982	437.00
LOCATION	L0006715	VOLUME	483463.863	3732876.905	437.00
LOCATION	L0006716	VOLUME	483472.453	3732876.829	437.00
LOCATION	L0006717	VOLUME	483481.042	3732876.753	437.00
LOCATION	L0006718	VOLUME	483489.632	3732876.677	437.00
LOCATION	L0006719	VOLUME	483498.222	3732876.601	437.00
LOCATION	L0006720	VOLUME	483506.811	3732876.525	437.00
LOCATION	L0006721	VOLUME	483515.401	3732876.449	437.00
LOCATION	L0006722	VOLUME	483523.991	3732876.372	437.00
LOCATION	L0006723	VOLUME	483532.580	3732876.296	437.00
LOCATION	L0006724	VOLUME	483541.170	3732876.220	437.00
LOCATION	L0006725	VOLUME	483549.760	3732876.144	437.00
LOCATION	L0006726	VOLUME	483558.349	3732876.068	437.00
LOCATION	L0006727	VOLUME	483566.939	3732875.992	437.00
LOCATION	L0006728	VOLUME	483575.529	3732875.916	437.00
LOCATION	L0006729	VOLUME	483584.118	3732875.839	437.00
LOCATION	L0006730	VOLUME	483592.708	3732875.763	437.00
LOCATION	L0006731	VOLUME	483601.298	3732875.687	437.00
LOCATION	L0006732	VOLUME	483609.887	3732875.611	437.00
LOCATION	L0006733	VOLUME	483618.477	3732875.535	437.00
LOCATION	L0006734	VOLUME	483627.067	3732875.459	437.00
LOCATION	L0006735	VOLUME	483635.656	3732875.383	437.00
LOCATION	L0006736	VOLUME	483644.246	3732875.306	437.00
LOCATION	L0006737	VOLUME	483652.836	3732875.230	437.00
LOCATION	L0006738	VOLUME	483661.425	3732875.154	437.00
LOCATION	L0006739	VOLUME	483670.015	3732875.078	437.00
LOCATION	L0006740	VOLUME	483678.605	3732875.002	437.00
LOCATION	L0006741	VOLUME	483687.194	3732874.926	437.00
LOCATION	L0006742	VOLUME	483687.704	3732883.088	437.00

LOCATION	L0006743	VOLUME	483687.793	3732891.677	437.00
LOCATION	L0006744	VOLUME	483687.883	3732900.267	437.00
LOCATION	L0006745	VOLUME	483687.973	3732908.856	437.00
LOCATION	L0006746	VOLUME	483688.063	3732917.446	437.00
LOCATION	L0006747	VOLUME	483688.153	3732926.035	437.00
LOCATION	L0006748	VOLUME	483688.243	3732934.625	437.00
LOCATION	L0006749	VOLUME	483688.333	3732943.214	437.00
LOCATION	L0006750	VOLUME	483688.423	3732951.804	437.00
LOCATION	L0006751	VOLUME	483688.513	3732960.393	437.00
LOCATION	L0006752	VOLUME	483688.603	3732968.983	437.00
LOCATION	L0006753	VOLUME	483688.693	3732977.572	437.00
LOCATION	L0006754	VOLUME	483688.783	3732986.162	437.00
LOCATION	L0006755	VOLUME	483688.873	3732994.752	437.00
LOCATION	L0006756	VOLUME	483688.963	3733003.341	437.00

** End of LINE VOLUME Source ID = SLINE7

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE14

** DESCRSRC Mclaughlin Offsite Onroad

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 482892.651, 3732881.969, 435.00, 3.49, 4.00

** 483687.618, 3732874.922, 437.00, 3.49, 4.00

** 483689.028, 3733009.531, 437.00, 3.49, 4.00

**

LOCATION	L0006757	VOLUME	482896.945	3732881.931	435.00
LOCATION	L0006758	VOLUME	482905.535	3732881.855	435.00
LOCATION	L0006759	VOLUME	482914.125	3732881.779	435.00
LOCATION	L0006760	VOLUME	482922.714	3732881.703	435.00
LOCATION	L0006761	VOLUME	482931.304	3732881.627	435.00
LOCATION	L0006762	VOLUME	482939.894	3732881.551	435.00
LOCATION	L0006763	VOLUME	482948.483	3732881.474	435.00
LOCATION	L0006764	VOLUME	482957.073	3732881.398	435.00
LOCATION	L0006765	VOLUME	482965.663	3732881.322	435.00
LOCATION	L0006766	VOLUME	482974.252	3732881.246	435.00
LOCATION	L0006767	VOLUME	482982.842	3732881.170	435.00
LOCATION	L0006768	VOLUME	482991.432	3732881.094	435.00
LOCATION	L0006769	VOLUME	483000.021	3732881.018	435.00
LOCATION	L0006770	VOLUME	483008.611	3732880.941	435.00
LOCATION	L0006771	VOLUME	483017.201	3732880.865	435.00
LOCATION	L0006772	VOLUME	483025.790	3732880.789	435.00
LOCATION	L0006773	VOLUME	483034.380	3732880.713	435.00
LOCATION	L0006774	VOLUME	483042.970	3732880.637	435.10
LOCATION	L0006775	VOLUME	483051.559	3732880.561	435.38
LOCATION	L0006776	VOLUME	483060.149	3732880.485	435.67
LOCATION	L0006777	VOLUME	483068.739	3732880.408	435.96
LOCATION	L0006778	VOLUME	483077.328	3732880.332	436.00
LOCATION	L0006779	VOLUME	483085.918	3732880.256	436.00
LOCATION	L0006780	VOLUME	483094.508	3732880.180	436.00
LOCATION	L0006781	VOLUME	483103.097	3732880.104	436.00
LOCATION	L0006782	VOLUME	483111.687	3732880.028	436.00
LOCATION	L0006783	VOLUME	483120.277	3732879.951	436.00
LOCATION	L0006784	VOLUME	483128.866	3732879.875	436.00
LOCATION	L0006785	VOLUME	483137.456	3732879.799	436.00
LOCATION	L0006786	VOLUME	483146.046	3732879.723	436.00
LOCATION	L0006787	VOLUME	483154.635	3732879.647	436.00
LOCATION	L0006788	VOLUME	483163.225	3732879.571	436.00
LOCATION	L0006789	VOLUME	483171.815	3732879.495	436.00
LOCATION	L0006790	VOLUME	483180.404	3732879.418	436.00
LOCATION	L0006791	VOLUME	483188.994	3732879.342	436.00
LOCATION	L0006792	VOLUME	483197.584	3732879.266	436.00

LOCATION	L0006793	VOLUME	483206.173	3732879.190	436.00
LOCATION	L0006794	VOLUME	483214.763	3732879.114	436.00
LOCATION	L0006795	VOLUME	483223.353	3732879.038	436.00
LOCATION	L0006796	VOLUME	483231.942	3732878.962	436.00
LOCATION	L0006797	VOLUME	483240.532	3732878.885	436.00
LOCATION	L0006798	VOLUME	483249.122	3732878.809	436.00
LOCATION	L0006799	VOLUME	483257.711	3732878.733	436.00
LOCATION	L0006800	VOLUME	483266.301	3732878.657	436.00
LOCATION	L0006801	VOLUME	483274.891	3732878.581	436.00
LOCATION	L0006802	VOLUME	483283.480	3732878.505	436.00
LOCATION	L0006803	VOLUME	483292.070	3732878.428	436.00
LOCATION	L0006804	VOLUME	483300.659	3732878.352	436.00
LOCATION	L0006805	VOLUME	483309.249	3732878.276	436.00
LOCATION	L0006806	VOLUME	483317.839	3732878.200	436.00
LOCATION	L0006807	VOLUME	483326.428	3732878.124	436.00
LOCATION	L0006808	VOLUME	483335.018	3732878.048	436.00
LOCATION	L0006809	VOLUME	483343.608	3732877.972	436.00
LOCATION	L0006810	VOLUME	483352.197	3732877.895	436.00
LOCATION	L0006811	VOLUME	483360.787	3732877.819	436.00
LOCATION	L0006812	VOLUME	483369.377	3732877.743	436.00
LOCATION	L0006813	VOLUME	483377.966	3732877.667	436.07
LOCATION	L0006814	VOLUME	483386.556	3732877.591	436.15
LOCATION	L0006815	VOLUME	483395.146	3732877.515	436.24
LOCATION	L0006816	VOLUME	483403.735	3732877.439	436.37
LOCATION	L0006817	VOLUME	483412.325	3732877.362	436.58
LOCATION	L0006818	VOLUME	483420.915	3732877.286	436.78
LOCATION	L0006819	VOLUME	483429.504	3732877.210	436.99
LOCATION	L0006820	VOLUME	483438.094	3732877.134	437.00
LOCATION	L0006821	VOLUME	483446.684	3732877.058	437.00
LOCATION	L0006822	VOLUME	483455.273	3732876.982	437.00
LOCATION	L0006823	VOLUME	483463.863	3732876.905	437.00
LOCATION	L0006824	VOLUME	483472.453	3732876.829	437.00
LOCATION	L0006825	VOLUME	483481.042	3732876.753	437.00
LOCATION	L0006826	VOLUME	483489.632	3732876.677	437.00
LOCATION	L0006827	VOLUME	483498.222	3732876.601	437.00
LOCATION	L0006828	VOLUME	483506.811	3732876.525	437.00
LOCATION	L0006829	VOLUME	483515.401	3732876.449	437.00
LOCATION	L0006830	VOLUME	483523.991	3732876.372	437.00
LOCATION	L0006831	VOLUME	483532.580	3732876.296	437.00
LOCATION	L0006832	VOLUME	483541.170	3732876.220	437.00
LOCATION	L0006833	VOLUME	483549.760	3732876.144	437.00
LOCATION	L0006834	VOLUME	483558.349	3732876.068	437.00
LOCATION	L0006835	VOLUME	483566.939	3732875.992	437.00
LOCATION	L0006836	VOLUME	483575.529	3732875.916	437.00
LOCATION	L0006837	VOLUME	483584.118	3732875.839	437.00
LOCATION	L0006838	VOLUME	483592.708	3732875.763	437.00
LOCATION	L0006839	VOLUME	483601.298	3732875.687	437.00
LOCATION	L0006840	VOLUME	483609.887	3732875.611	437.00
LOCATION	L0006841	VOLUME	483618.477	3732875.535	437.00
LOCATION	L0006842	VOLUME	483627.067	3732875.459	437.00
LOCATION	L0006843	VOLUME	483635.656	3732875.383	437.00
LOCATION	L0006844	VOLUME	483644.246	3732875.306	437.00
LOCATION	L0006845	VOLUME	483652.836	3732875.230	437.00
LOCATION	L0006846	VOLUME	483661.425	3732875.154	437.00
LOCATION	L0006847	VOLUME	483670.015	3732875.078	437.00
LOCATION	L0006848	VOLUME	483678.605	3732875.002	437.00
LOCATION	L0006849	VOLUME	483687.194	3732874.926	437.00
LOCATION	L0006850	VOLUME	483687.704	3732883.088	437.00
LOCATION	L0006851	VOLUME	483687.793	3732891.677	437.00
LOCATION	L0006852	VOLUME	483687.883	3732900.267	437.00
LOCATION	L0006853	VOLUME	483687.973	3732908.856	437.00
LOCATION	L0006854	VOLUME	483688.063	3732917.446	437.00
LOCATION	L0006855	VOLUME	483688.153	3732926.035	437.00
LOCATION	L0006856	VOLUME	483688.243	3732934.625	437.00
LOCATION	L0006857	VOLUME	483688.333	3732943.214	437.00
LOCATION	L0006858	VOLUME	483688.423	3732951.804	437.00

LOCATION	L0006859	VOLUME	483688.513	3732960.393	437.00
LOCATION	L0006860	VOLUME	483688.603	3732968.983	437.00
LOCATION	L0006861	VOLUME	483688.693	3732977.572	437.00
LOCATION	L0006862	VOLUME	483688.783	3732986.162	437.00
LOCATION	L0006863	VOLUME	483688.873	3732994.752	437.00
LOCATION	L0006864	VOLUME	483688.963	3733003.341	437.00

** End of LINE VOLUME Source ID = SLINE14

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Dawson Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0016384356

** Vertical Dimension = 5.00

** SZINIT = 2.33

** Nodes = 2

** 483689.028, 3733013.054, 437.00, 0.00, 4.00

** 483686.209, 3733658.613, 438.00, 0.00, 4.00

** -----

LOCATION	L0006865	VOLUME	483689.009	3733017.349	437.00
LOCATION	L0006866	VOLUME	483688.971	3733025.939	437.00
LOCATION	L0006867	VOLUME	483688.934	3733034.529	437.00
LOCATION	L0006868	VOLUME	483688.896	3733043.119	437.00
LOCATION	L0006869	VOLUME	483688.859	3733051.709	437.00
LOCATION	L0006870	VOLUME	483688.821	3733060.299	437.00
LOCATION	L0006871	VOLUME	483688.784	3733068.889	437.00
LOCATION	L0006872	VOLUME	483688.746	3733077.479	437.00
LOCATION	L0006873	VOLUME	483688.709	3733086.069	437.00
LOCATION	L0006874	VOLUME	483688.671	3733094.659	437.00
LOCATION	L0006875	VOLUME	483688.634	3733103.249	437.00
LOCATION	L0006876	VOLUME	483688.596	3733111.839	437.00
LOCATION	L0006877	VOLUME	483688.559	3733120.428	437.00
LOCATION	L0006878	VOLUME	483688.521	3733129.018	437.00
LOCATION	L0006879	VOLUME	483688.484	3733137.608	437.00
LOCATION	L0006880	VOLUME	483688.446	3733146.198	437.00
LOCATION	L0006881	VOLUME	483688.409	3733154.788	437.00
LOCATION	L0006882	VOLUME	483688.371	3733163.378	437.00
LOCATION	L0006883	VOLUME	483688.334	3733171.968	437.00
LOCATION	L0006884	VOLUME	483688.296	3733180.558	437.00
LOCATION	L0006885	VOLUME	483688.259	3733189.148	437.00
LOCATION	L0006886	VOLUME	483688.221	3733197.738	437.00
LOCATION	L0006887	VOLUME	483688.184	3733206.328	437.00
LOCATION	L0006888	VOLUME	483688.146	3733214.918	437.00
LOCATION	L0006889	VOLUME	483688.109	3733223.507	437.00
LOCATION	L0006890	VOLUME	483688.071	3733232.097	437.00
LOCATION	L0006891	VOLUME	483688.034	3733240.687	437.00
LOCATION	L0006892	VOLUME	483687.996	3733249.277	437.00
LOCATION	L0006893	VOLUME	483687.958	3733257.867	437.00
LOCATION	L0006894	VOLUME	483687.921	3733266.457	437.00
LOCATION	L0006895	VOLUME	483687.883	3733275.047	437.00
LOCATION	L0006896	VOLUME	483687.846	3733283.637	437.00
LOCATION	L0006897	VOLUME	483687.808	3733292.227	437.00
LOCATION	L0006898	VOLUME	483687.771	3733300.817	437.00
LOCATION	L0006899	VOLUME	483687.733	3733309.407	437.07
LOCATION	L0006900	VOLUME	483687.696	3733317.997	437.24
LOCATION	L0006901	VOLUME	483687.658	3733326.587	437.40
LOCATION	L0006902	VOLUME	483687.621	3733335.176	437.57
LOCATION	L0006903	VOLUME	483687.583	3733343.766	437.58
LOCATION	L0006904	VOLUME	483687.546	3733352.356	437.58
LOCATION	L0006905	VOLUME	483687.508	3733360.946	437.58
LOCATION	L0006906	VOLUME	483687.471	3733369.536	437.58
LOCATION	L0006907	VOLUME	483687.433	3733378.126	437.58
LOCATION	L0006908	VOLUME	483687.396	3733386.716	437.58
LOCATION	L0006909	VOLUME	483687.358	3733395.306	437.58

LOCATION	VOLUME				
L0006910	483687.321	3733403.896	437.69		
L0006911	483687.283	3733412.486	437.81		
L0006912	483687.246	3733421.076	437.93		
L0006913	483687.208	3733429.666	437.95		
L0006914	483687.171	3733438.255	437.82		
L0006915	483687.133	3733446.845	437.70		
L0006916	483687.096	3733455.435	437.57		
L0006917	483687.058	3733464.025	437.57		
L0006918	483687.021	3733472.615	437.56		
L0006919	483686.983	3733481.205	437.56		
L0006920	483686.946	3733489.795	437.62		
L0006921	483686.908	3733498.385	437.74		
L0006922	483686.871	3733506.975	437.87		
L0006923	483686.833	3733515.565	437.99		
L0006924	483686.796	3733524.155	438.00		
L0006925	483686.758	3733532.745	438.00		
L0006926	483686.721	3733541.334	438.00		
L0006927	483686.683	3733549.924	438.00		
L0006928	483686.646	3733558.514	438.00		
L0006929	483686.608	3733567.104	438.00		
L0006930	483686.571	3733575.694	438.00		
L0006931	483686.533	3733584.284	438.00		
L0006932	483686.496	3733592.874	438.00		
L0006933	483686.458	3733601.464	438.00		
L0006934	483686.421	3733610.054	438.00		
L0006935	483686.383	3733618.644	438.00		
L0006936	483686.346	3733627.234	438.00		
L0006937	483686.308	3733635.824	438.00		
L0006938	483686.271	3733644.413	438.00		
L0006939	483686.233	3733653.003	438.00		

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE15

** DESCRSRC Dawson Offsite Construction

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.8383E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483689.028, 3733013.054, 437.00, 3.49, 4.00

** 483686.209, 3733658.613, 438.00, 3.49, 4.00

** -----

LOCATION	VOLUME				
L0007015	483689.009	3733017.349	437.00		
L0007016	483688.971	3733025.939	437.00		
L0007017	483688.934	3733034.529	437.00		
L0007018	483688.896	3733043.119	437.00		
L0007019	483688.859	3733051.709	437.00		
L0007020	483688.821	3733060.299	437.00		
L0007021	483688.784	3733068.889	437.00		
L0007022	483688.746	3733077.479	437.00		
L0007023	483688.709	3733086.069	437.00		
L0007024	483688.671	3733094.659	437.00		
L0007025	483688.634	3733103.249	437.00		
L0007026	483688.596	3733111.839	437.00		
L0007027	483688.559	3733120.428	437.00		
L0007028	483688.521	3733129.018	437.00		
L0007029	483688.484	3733137.608	437.00		
L0007030	483688.446	3733146.198	437.00		
L0007031	483688.409	3733154.788	437.00		
L0007032	483688.371	3733163.378	437.00		
L0007033	483688.334	3733171.968	437.00		
L0007034	483688.296	3733180.558	437.00		
L0007035	483688.259	3733189.148	437.00		

LOCATION	VOLUME				
LOCATION L0007036	VOLUME	483688.221	3733197.738	437.00	
LOCATION L0007037	VOLUME	483688.184	3733206.328	437.00	
LOCATION L0007038	VOLUME	483688.146	3733214.918	437.00	
LOCATION L0007039	VOLUME	483688.109	3733223.507	437.00	
LOCATION L0007040	VOLUME	483688.071	3733232.097	437.00	
LOCATION L0007041	VOLUME	483688.034	3733240.687	437.00	
LOCATION L0007042	VOLUME	483687.996	3733249.277	437.00	
LOCATION L0007043	VOLUME	483687.958	3733257.867	437.00	
LOCATION L0007044	VOLUME	483687.921	3733266.457	437.00	
LOCATION L0007045	VOLUME	483687.883	3733275.047	437.00	
LOCATION L0007046	VOLUME	483687.846	3733283.637	437.00	
LOCATION L0007047	VOLUME	483687.808	3733292.227	437.00	
LOCATION L0007048	VOLUME	483687.771	3733300.817	437.00	
LOCATION L0007049	VOLUME	483687.733	3733309.407	437.07	
LOCATION L0007050	VOLUME	483687.696	3733317.997	437.24	
LOCATION L0007051	VOLUME	483687.658	3733326.587	437.40	
LOCATION L0007052	VOLUME	483687.621	3733335.176	437.57	
LOCATION L0007053	VOLUME	483687.583	3733343.766	437.58	
LOCATION L0007054	VOLUME	483687.546	3733352.356	437.58	
LOCATION L0007055	VOLUME	483687.508	3733360.946	437.58	
LOCATION L0007056	VOLUME	483687.471	3733369.536	437.58	
LOCATION L0007057	VOLUME	483687.433	3733378.126	437.58	
LOCATION L0007058	VOLUME	483687.396	3733386.716	437.58	
LOCATION L0007059	VOLUME	483687.358	3733395.306	437.58	
LOCATION L0007060	VOLUME	483687.321	3733403.896	437.69	
LOCATION L0007061	VOLUME	483687.283	3733412.486	437.81	
LOCATION L0007062	VOLUME	483687.246	3733421.076	437.93	
LOCATION L0007063	VOLUME	483687.208	3733429.666	437.95	
LOCATION L0007064	VOLUME	483687.171	3733438.255	437.82	
LOCATION L0007065	VOLUME	483687.133	3733446.845	437.70	
LOCATION L0007066	VOLUME	483687.096	3733455.435	437.57	
LOCATION L0007067	VOLUME	483687.058	3733464.025	437.57	
LOCATION L0007068	VOLUME	483687.021	3733472.615	437.56	
LOCATION L0007069	VOLUME	483686.983	3733481.205	437.56	
LOCATION L0007070	VOLUME	483686.946	3733489.795	437.62	
LOCATION L0007071	VOLUME	483686.908	3733498.385	437.74	
LOCATION L0007072	VOLUME	483686.871	3733506.975	437.87	
LOCATION L0007073	VOLUME	483686.833	3733515.565	437.99	
LOCATION L0007074	VOLUME	483686.796	3733524.155	438.00	
LOCATION L0007075	VOLUME	483686.758	3733532.745	438.00	
LOCATION L0007076	VOLUME	483686.721	3733541.334	438.00	
LOCATION L0007077	VOLUME	483686.683	3733549.924	438.00	
LOCATION L0007078	VOLUME	483686.646	3733558.514	438.00	
LOCATION L0007079	VOLUME	483686.608	3733567.104	438.00	
LOCATION L0007080	VOLUME	483686.571	3733575.694	438.00	
LOCATION L0007081	VOLUME	483686.533	3733584.284	438.00	
LOCATION L0007082	VOLUME	483686.496	3733592.874	438.00	
LOCATION L0007083	VOLUME	483686.458	3733601.464	438.00	
LOCATION L0007084	VOLUME	483686.421	3733610.054	438.00	
LOCATION L0007085	VOLUME	483686.383	3733618.644	438.00	
LOCATION L0007086	VOLUME	483686.346	3733627.234	438.00	
LOCATION L0007087	VOLUME	483686.308	3733635.824	438.00	
LOCATION L0007088	VOLUME	483686.271	3733644.413	438.00	
LOCATION L0007089	VOLUME	483686.233	3733653.003	438.00	

** End of LINE VOLUME Source ID = SLINE15

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM L0004882	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004883	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004884	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004885	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004886	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004887	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004888	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004889	0.0000113994	3.49	6.51	3.25
SRCPARAM L0004890	0.0000113994	3.49	6.51	3.25

SRCPARAM L0004007	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004008	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004009	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004010	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004011	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004012	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004013	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004014	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004015	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004016	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004017	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004018	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004019	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004020	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004021	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004022	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004023	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004024	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004025	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004026	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004027	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004028	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004029	0.00000001495	3.49	6.51	3.25
SRCPARAM L0004030	0.00000001495	3.49	6.51	3.25

**

SRCPARAM VOL1	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL2	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL3	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL4	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL5	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL6	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL7	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL8	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL9	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL10	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL11	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL12	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL13	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL14	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL15	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL16	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL17	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL18	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL19	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL20	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL21	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL22	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL23	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL24	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL25	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL26	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL27	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL28	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL29	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL30	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL31	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL32	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL33	0.0006334191	5.000	25.323	1.400
SRCPARAM VOL34	0.0006334191	5.000	25.323	1.400

**

LINE VOLUME Source ID = SLINE2				
SRCPARAM L0003705	0.0000862335	0.00	9.30	2.33
SRCPARAM L0003706	0.0000862335	0.00	9.30	2.33
SRCPARAM L0003707	0.0000862335	0.00	9.30	2.33
SRCPARAM L0003708	0.0000862335	0.00	9.30	2.33
SRCPARAM L0003709	0.0000862335	0.00	9.30	2.33
SRCPARAM L0003710	0.0000862335	0.00	9.30	2.33

SRCPARAM	L0007031	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007032	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007033	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007034	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007035	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007036	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007037	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007038	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007039	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007040	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007041	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007042	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007043	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007044	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007045	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007046	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007047	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007048	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007049	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007050	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007051	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007052	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007053	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007054	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007055	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007056	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007057	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007058	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007059	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007060	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007061	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007062	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007063	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007064	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007065	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007066	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007067	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007068	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007069	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007070	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007071	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007072	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007073	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007074	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007075	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007076	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007077	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007078	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007079	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007080	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007081	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007082	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007083	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007084	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007085	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007086	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007087	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007088	0.00000002451	3.49	4.00	3.25
SRCPARAM	L0007089	0.00000002451	3.49	4.00	3.25

**

 URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT L0004882 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT	L0007082	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007082	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007082	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007083	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007084	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007085	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007086	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007087	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007088	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
EMISFACT	L0007089	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SRCGROUP	Onsite	VOL1	VOL2	VOL3	VOL4	VOL5	VOL6	VOL7	VOL8	VOL9	VOL10
SRCGROUP	Onsite	VOL11	VOL12	VOL13	VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	
SRCGROUP	Onsite	VOL20	VOL21	VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28	
SRCGROUP	Onsite	VOL29	VOL30	VOL31	VOL32	VOL33	VOL34	L0004882	L0004883		
SRCGROUP	Onsite	L0004884	L0004885	L0004886	L0004887	L0004888	L0004889	L0004890	L0004891		
SRCGROUP	Onsite	L0004890	L0004891	L0004892	L0004893	L0004894	L0004895	L0004896	L0004897		
SRCGROUP	Onsite	L0004896	L0004897	L0004898	L0004899	L0004900	L0004901	L0004902	L0004903		
SRCGROUP	Onsite	L0004902	L0004903	L0004904	L0004905	L0004906	L0004907	L0004908	L0004909		
SRCGROUP	Onsite	L0004908	L0004909	L0004910	L0004911	L0004912	L0004913	L0004914	L0004915		
SRCGROUP	Onsite	L0004914	L0004915	L0004916	L0004917	L0004918	L0004919	L0004920	L0004921		
SRCGROUP	Onsite	L0004920	L0004921	L0004922	L0004923	L0004924	L0004925	L0004926	L0004927		
SRCGROUP	Onsite	L0004926	L0004927	L0004928	L0004929	L0004930	L0004931	L0004932	L0004933		
SRCGROUP	Onsite	L0004932	L0004933	L0004934	L0004935	L0004936	L0004937	L0004938	L0004939		
SRCGROUP	Onsite	L0004938	L0004939	L0004940	L0004941	L0004942	L0004943	L0004944	L0004945		
SRCGROUP	Onsite	L0004944	L0004945	L0004946	L0004947	L0004948	L0004949	L0004950	L0004951		
SRCGROUP	Onsite	L0004950	L0004951	L0004952	L0004953	L0004954	L0004955	L0004956	L0004957		
SRCGROUP	Onsite	L0004956	L0004957	L0004958	L0004959	L0004960	L0004961	L0004962	L0004963		
SRCGROUP	Onsite	L0004962	L0004963	L0004964	L0004965	L0004966	L0004967	L0004968	L0004969		
SRCGROUP	Onsite	L0004968	L0004969	L0004970	L0004971	L0004972	L0004973	L0004974	L0004975		
SRCGROUP	Onsite	L0004974	L0004975	L0004976	L0004977	L0004978	L0004979	L0004980	L0004981		
SRCGROUP	Onsite	L0004980	L0004981	L0004982	L0004983	L0004984	L0004985	L0004986	L0004987		
SRCGROUP	Onsite	L0004986	L0004987	L0004988	L0004989	L0004990	L0004991	L0004992	L0004993		
SRCGROUP	Onsite	L0004992	L0004993	L0004994							
SRCGROUP	Offsite	L0006025	L0006026	L0006027	L0006028	L0006029	L0006030	L0006031	L0006032		
SRCGROUP	Offsite	L0006031	L0006032	L0006033	L0006034	L0006035	L0006036	L0006037	L0006038		
SRCGROUP	Offsite	L0006037	L0006038	L0006039	L0006040	L0006041	L0006042	L0006043	L0006044		
SRCGROUP	Offsite	L0006043	L0006044	L0006045	L0006046	L0006047	L0006048	L0006049	L0006050		
SRCGROUP	Offsite	L0006049	L0006050	L0006051	L0006052	L0006053	L0006054	L0006055	L0006056		
SRCGROUP	Offsite	L0006055	L0006056	L0006057	L0006058	L0006059	L0006060	L0006061	L0006062		
SRCGROUP	Offsite	L0006061	L0006062	L0006063	L0006064	L0006065	L0006066	L0006067	L0006068		
SRCGROUP	Offsite	L0006067	L0006068	L0006069	L0006070	L0006071	L0006072	L0006073	L0006074		
SRCGROUP	Offsite	L0006073	L0006074	L0006075	L0006076	L0006077	L0006078	L0006079	L0006080		
SRCGROUP	Offsite	L0006079	L0006080	L0006081	L0006082	L0006083	L0006084	L0006085	L0006086		
SRCGROUP	Offsite	L0006085	L0006086	L0006087	L0006088	L0006089	L0006090	L0006091	L0006092		
SRCGROUP	Offsite	L0006091	L0006092	L0006093	L0006094	L0006095	L0006096				

SRCGROUP	Offsite	L0006097	L0006098	L0006099	L0006100	L0006101	L0006102
SRCGROUP	Offsite	L0006103	L0006104	L0006105	L0006106	L0006107	L0006108
SRCGROUP	Offsite	L0006109	L0006110	L0006111	L0006112	L0006113	L0006114
SRCGROUP	Offsite	L0006115	L0006116	L0006117	L0006118	L0006119	L0006120
SRCGROUP	Offsite	L0006121	L0006122	L0006123	L0006124	L0006125	L0006126
SRCGROUP	Offsite	L0006127	L0006128	L0006129	L0006130	L0006131	L0006132
SRCGROUP	Offsite	L0006133	L0006134	L0006135	L0006136	L0006137	L0006138
SRCGROUP	Offsite	L0006139	L0006140	L0006141	L0006142	L0006143	L0006144
SRCGROUP	Offsite	L0006145	L0006146	L0006147	L0003908	L0003909	L0003910
SRCGROUP	Offsite	L0003911	L0003912	L0003913	L0003914	L0003915	L0003916
SRCGROUP	Offsite	L0003917	L0003918	L0003919	L0003920	L0003921	L0003922
SRCGROUP	Offsite	L0003923	L0003924	L0003925	L0003926	L0003927	L0003928
SRCGROUP	Offsite	L0003929	L0003930	L0003931	L0003932	L0003933	L0003934
SRCGROUP	Offsite	L0003935	L0003936	L0003937	L0003938	L0003939	L0003940
SRCGROUP	Offsite	L0003941	L0003942	L0003943	L0003944	L0003945	L0003946
SRCGROUP	Offsite	L0003947	L0003948	L0003949	L0003950	L0003951	L0003952
SRCGROUP	Offsite	L0003953	L0003954	L0003955	L0003956	L0003957	L0003958
SRCGROUP	Offsite	L0003959	L0003960	L0003961	L0003962	L0003963	L0003964
SRCGROUP	Offsite	L0003965	L0003966	L0003967	L0003968	L0003969	L0003970
SRCGROUP	Offsite	L0003971	L0003972	L0003973	L0003974	L0003975	L0003976
SRCGROUP	Offsite	L0003977	L0003978	L0003979	L0003980	L0003981	L0003982
SRCGROUP	Offsite	L0003983	L0003984	L0003985	L0003986	L0003987	L0003988
SRCGROUP	Offsite	L0003989	L0003990	L0003991	L0003992	L0003993	L0003994
SRCGROUP	Offsite	L0003995	L0003996	L0003997	L0003998	L0003999	L0004000
SRCGROUP	Offsite	L0004001	L0004002	L0004003	L0004004	L0004005	L0004006
SRCGROUP	Offsite	L0004007	L0004008	L0004009	L0004010	L0004011	L0004012
SRCGROUP	Offsite	L0004013	L0004014	L0004015	L0004016	L0004017	L0004018
SRCGROUP	Offsite	L0004019	L0004020	L0004021	L0004022	L0004023	L0004024
SRCGROUP	Offsite	L0004025	L0004026	L0004027	L0004028	L0004029	L0004030
SRCGROUP	Offsite	L0003705	L0003706	L0003707	L0003708	L0003709	L0003710
SRCGROUP	Offsite	L0003711	L0003712	L0003713	L0003714	L0003715	L0003716
SRCGROUP	Offsite	L0003717	L0003718	L0003719	L0003720	L0003721	L0003722
SRCGROUP	Offsite	L0003723	L0004202	L0004203	L0004204	L0004205	L0004206
SRCGROUP	Offsite	L0004207	L0004208	L0004209	L0004210	L0004211	L0004212
SRCGROUP	Offsite	L0004213	L0004214	L0004215	L0004216	L0004217	L0004218
SRCGROUP	Offsite	L0004219	L0004220	L0004221	L0004222	L0004223	L0004224
SRCGROUP	Offsite	L0004225	L0004226	L0004227	L0004228	L0004229	L0004230
SRCGROUP	Offsite	L0004231	L0004232	L0004233	L0004234	L0004235	L0004236
SRCGROUP	Offsite	L0004237	L0004238	L0004239	L0004240	L0004241	L0004242
SRCGROUP	Offsite	L0004243	L0004244	L0004245	L0004246	L0006334	L0006335
SRCGROUP	Offsite	L0006336	L0006337	L0006338	L0006339	L0006340	L0006341
SRCGROUP	Offsite	L0006342	L0006343	L0006344	L0006345	L0006346	L0006347
SRCGROUP	Offsite	L0006348	L0006349	L0006350	L0006351	L0006352	L0006353
SRCGROUP	Offsite	L0004266	L0004267	L0004268	L0004269	L0004270	L0004271
SRCGROUP	Offsite	L0004272	L0004273	L0004274	L0004275	L0004276	L0004277
SRCGROUP	Offsite	L0004278	L0004279	L0004280	L0004281	L0004282	L0004283
SRCGROUP	Offsite	L0004284	L0004285	L0004286	L0004287	L0004288	L0004289
SRCGROUP	Offsite	L0004290	L0004291	L0004292	L0004293	L0004294	L0004295
SRCGROUP	Offsite	L0004296	L0004297	L0004298	L0004299	L0004300	L0004301
SRCGROUP	Offsite	L0004302	L0004303	L0004304	L0004305	L0004306	L0004307
SRCGROUP	Offsite	L0004308	L0004309	L0004310	L0004311	L0004312	L0006354
SRCGROUP	Offsite	L0006355	L0006356	L0006357	L0006358	L0006359	L0006360
SRCGROUP	Offsite	L0006361	L0006362	L0006363	L0006364	L0006365	L0006366
SRCGROUP	Offsite	L0006367	L0006368	L0006369	L0006370	L0006371	L0006372
SRCGROUP	Offsite	L0006373	L0006374	L0006375	L0006376	L0006377	L0006378
SRCGROUP	Offsite	L0006379	L0006380	L0006381	L0006382	L0006383	L0006384
SRCGROUP	Offsite	L0006385	L0006386	L0006387	L0006388	L0006389	L0006390
SRCGROUP	Offsite	L0006391	L0006392	L0006393	L0006394	L0006395	L0006396
SRCGROUP	Offsite	L0006397	L0006398	L0006399	L0006400	L0006401	L0006402
SRCGROUP	Offsite	L0006403	L0006404	L0006405	L0006406	L0006407	L0006408
SRCGROUP	Offsite	L0006409	L0006410	L0006411	L0006412	L0006413	L0006414
SRCGROUP	Offsite	L0006415	L0006416	L0006417	L0006418	L0006419	L0006420
SRCGROUP	Offsite	L0006421	L0006422	L0006423	L0006424	L0006425	L0006426
SRCGROUP	Offsite	L0006427	L0006428	L0006429	L0006430	L0006431	L0006432
SRCGROUP	Offsite	L0006433	L0006434	L0006435	L0006436	L0006437	L0006438
SRCGROUP	Offsite	L0006439	L0006440	L0006441	L0006442	L0006443	L0006444

SRCGROUP	Offsite	L0006445	L0006446	L0006447	L0006448	L0006449	L0006450
SRCGROUP	Offsite	L0006451	L0006452	L0006453	L0006454	L0006455	L0006456
SRCGROUP	Offsite	L0006457	L0006458	L0006459	L0006460	L0006461	L0006462
SRCGROUP	Offsite	L0005277	L0005278	L0005279	L0005280	L0005281	L0005282
SRCGROUP	Offsite	L0005283	L0005284	L0005285	L0005286	L0005287	L0005288
SRCGROUP	Offsite	L0005289	L0005290	L0005291	L0005292	L0005293	L0005294
SRCGROUP	Offsite	L0005295	L0005296	L0005297	L0005298	L0005299	L0005300
SRCGROUP	Offsite	L0005301	L0005302	L0005303	L0005304	L0005305	L0005306
SRCGROUP	Offsite	L0005307	L0005308	L0005309	L0005310	L0005311	L0005312
SRCGROUP	Offsite	L0005313	L0005314	L0005315	L0005316	L0005317	L0005318
SRCGROUP	Offsite	L0005319	L0005320	L0005321	L0005322	L0005323	L0005324
SRCGROUP	Offsite	L0005325	L0005326	L0005327	L0005328	L0005329	L0005330
SRCGROUP	Offsite	L0005331	L0005332	L0005333	L0005334	L0005335	L0005336
SRCGROUP	Offsite	L0005337	L0005338	L0005339	L0005340	L0005341	L0005342
SRCGROUP	Offsite	L0005343	L0005344	L0005345	L0005346	L0005347	L0005348
SRCGROUP	Offsite	L0005349	L0005350	L0005351	L0005352	L0005353	L0005354
SRCGROUP	Offsite	L0005355	L0005356	L0005357	L0005358	L0005359	L0005360
SRCGROUP	Offsite	L0005361	L0005362	L0005363	L0005364	L0005365	L0005366
SRCGROUP	Offsite	L0005367	L0005368	L0005369	L0005370	L0005371	L0005372
SRCGROUP	Offsite	L0005373	L0005374	L0005375	L0005376	L0005377	L0005378
SRCGROUP	Offsite	L0005379	L0005380	L0005381	L0005382	L0005383	L0005384
SRCGROUP	Offsite	L0005385	L0006463	L0006464	L0006465	L0006466	L0006467
SRCGROUP	Offsite	L0006468	L0006469	L0006470	L0006471	L0006472	L0006473
SRCGROUP	Offsite	L0006474	L0006475	L0006476	L0006477	L0006478	L0006479
SRCGROUP	Offsite	L0006480	L0006481	L0006482	L0006483	L0006484	L0006485
SRCGROUP	Offsite	L0006486	L0006487	L0006488	L0006489	L0006490	L0006491
SRCGROUP	Offsite	L0006492	L0006493	L0006494	L0006495	L0006496	L0006497
SRCGROUP	Offsite	L0006498	L0006499	L0006500	L0006501	L0006502	L0006503
SRCGROUP	Offsite	L0006504	L0006505	L0006506	L0006507	L0006508	L0006509
SRCGROUP	Offsite	L0006510	L0006511	L0006512	L0006513	L0006514	L0006515
SRCGROUP	Offsite	L0006516	L0006517	L0006518	L0006519	L0006520	L0006521
SRCGROUP	Offsite	L0006522	L0006523	L0006524	L0006525	L0006526	L0006527
SRCGROUP	Offsite	L0006528	L0006529	L0006530	L0006531	L0006532	L0006533
SRCGROUP	Offsite	L0006534	L0006535	L0006536	L0006537	L0006538	L0006539
SRCGROUP	Offsite	L0006540	L0006541	L0006542	L0006543	L0006544	L0006545
SRCGROUP	Offsite	L0006546	L0006547	L0006548	L0006549	L0006550	L0006551
SRCGROUP	Offsite	L0006552	L0006553	L0006554	L0006555	L0006556	L0006557
SRCGROUP	Offsite	L0006558	L0006559	L0006560	L0006561	L0006562	L0006563
SRCGROUP	Offsite	L0006564	L0006565	L0006566	L0006567	L0006568	L0006569
SRCGROUP	Offsite	L0006570	L0006571	L0006572	L0006573	L0006574	L0006575
SRCGROUP	Offsite	L0006576	L0006577	L0006578	L0006579	L0006580	L0006581
SRCGROUP	Offsite	L0006582	L0006583	L0006584	L0006585	L0006586	L0006587
SRCGROUP	Offsite	L0006588	L0006589	L0006590	L0006591	L0006592	L0006593
SRCGROUP	Offsite	L0006594	L0006595	L0006596	L0006597	L0006598	L0006599
SRCGROUP	Offsite	L0006600	L0006601	L0006602	L0006603	L0006604	L0006605
SRCGROUP	Offsite	L0006606	L0006607	L0006608	L0006609	L0006610	L0006611
SRCGROUP	Offsite	L0006612	L0006613	L0006614	L0006615	L0006616	L0006617
SRCGROUP	Offsite	L0006618	L0006619	L0006620	L0006621	L0006622	L0006623
SRCGROUP	Offsite	L0006624	L0006625	L0006626	L0006627	L0006628	L0006629
SRCGROUP	Offsite	L0006630	L0006631	L0006632	L0006633	L0006634	L0006635
SRCGROUP	Offsite	L0006636	L0006637	L0006638	L0006639	L0006640	L0006641
SRCGROUP	Offsite	L0006642	L0006643	L0006644	L0006645	L0006646	L0006647
SRCGROUP	Offsite	L0006648	L0006649	L0006650	L0006651	L0006652	L0006653
SRCGROUP	Offsite	L0006654	L0006655	L0006656	L0006657	L0006658	L0006659
SRCGROUP	Offsite	L0006660	L0006661	L0006662	L0006663	L0006664	L0006665
SRCGROUP	Offsite	L0006666	L0006667	L0006668	L0006669	L0006670	L0006671
SRCGROUP	Offsite	L0006672	L0006673	L0006674	L0006675	L0006676	L0006677
SRCGROUP	Offsite	L0006678	L0006679	L0006680	L0006681	L0006682	L0006683
SRCGROUP	Offsite	L0006684	L0006685	L0006686	L0006687	L0006688	L0006689
SRCGROUP	Offsite	L0006690	L0006691	L0006692	L0006693	L0006694	L0006695
SRCGROUP	Offsite	L0006696	L0006697	L0006698	L0006699	L0006700	L0006701
SRCGROUP	Offsite	L0006702	L0006703	L0006704	L0006705	L0006706	L0006707
SRCGROUP	Offsite	L0006708	L0006709	L0006710	L0006711	L0006712	L0006713
SRCGROUP	Offsite	L0006714	L0006715	L0006716	L0006717	L0006718	L0006719
SRCGROUP	Offsite	L0006720	L0006721	L0006722	L0006723	L0006724	L0006725
SRCGROUP	Offsite	L0006726	L0006727	L0006728	L0006729	L0006730	L0006731

SRCGROUP Offsite L0006732 L0006733 L0006734 L0006735 L0006736 L0006737
SRCGROUP Offsite L0006738 L0006739 L0006740 L0006741 L0006742 L0006743
SRCGROUP Offsite L0006744 L0006745 L0006746 L0006747 L0006748 L0006749
SRCGROUP Offsite L0006750 L0006751 L0006752 L0006753 L0006754 L0006755
SRCGROUP Offsite L0006756 L0006757 L0006758 L0006759 L0006760 L0006761
SRCGROUP Offsite L0006762 L0006763 L0006764 L0006765 L0006766 L0006767
SRCGROUP Offsite L0006768 L0006769 L0006770 L0006771 L0006772 L0006773
SRCGROUP Offsite L0006774 L0006775 L0006776 L0006777 L0006778 L0006779
SRCGROUP Offsite L0006780 L0006781 L0006782 L0006783 L0006784 L0006785
SRCGROUP Offsite L0006786 L0006787 L0006788 L0006789 L0006790 L0006791
SRCGROUP Offsite L0006792 L0006793 L0006794 L0006795 L0006796 L0006797
SRCGROUP Offsite L0006798 L0006799 L0006800 L0006801 L0006802 L0006803
SRCGROUP Offsite L0006804 L0006805 L0006806 L0006807 L0006808 L0006809
SRCGROUP Offsite L0006810 L0006811 L0006812 L0006813 L0006814 L0006815
SRCGROUP Offsite L0006816 L0006817 L0006818 L0006819 L0006820 L0006821
SRCGROUP Offsite L0006822 L0006823 L0006824 L0006825 L0006826 L0006827
SRCGROUP Offsite L0006828 L0006829 L0006830 L0006831 L0006832 L0006833
SRCGROUP Offsite L0006834 L0006835 L0006836 L0006837 L0006838 L0006839
SRCGROUP Offsite L0006840 L0006841 L0006842 L0006843 L0006844 L0006845
SRCGROUP Offsite L0006846 L0006847 L0006848 L0006849 L0006850 L0006851
SRCGROUP Offsite L0006852 L0006853 L0006854 L0006855 L0006856 L0006857
SRCGROUP Offsite L0006858 L0006859 L0006860 L0006861 L0006862 L0006863
SRCGROUP Offsite L0006864 L0006865 L0006866 L0006867 L0006868 L0006869
SRCGROUP Offsite L0006870 L0006871 L0006872 L0006873 L0006874 L0006875
SRCGROUP Offsite L0006876 L0006877 L0006878 L0006879 L0006880 L0006881
SRCGROUP Offsite L0006882 L0006883 L0006884 L0006885 L0006886 L0006887
SRCGROUP Offsite L0006888 L0006889 L0006890 L0006891 L0006892 L0006893
SRCGROUP Offsite L0006894 L0006895 L0006896 L0006897 L0006898 L0006899
SRCGROUP Offsite L0006900 L0006901 L0006902 L0006903 L0006904 L0006905
SRCGROUP Offsite L0006906 L0006907 L0006908 L0006909 L0006910 L0006911
SRCGROUP Offsite L0006912 L0006913 L0006914 L0006915 L0006916 L0006917
SRCGROUP Offsite L0006918 L0006919 L0006920 L0006921 L0006922 L0006923
SRCGROUP Offsite L0006924 L0006925 L0006926 L0006927 L0006928 L0006929
SRCGROUP Offsite L0006930 L0006931 L0006932 L0006933 L0006934 L0006935
SRCGROUP Offsite L0006936 L0006937 L0006938 L0006939 L0007015 L0007016
SRCGROUP Offsite L0007017 L0007018 L0007019 L0007020 L0007021 L0007022
SRCGROUP Offsite L0007023 L0007024 L0007025 L0007026 L0007027 L0007028
SRCGROUP Offsite L0007029 L0007030 L0007031 L0007032 L0007033 L0007034
SRCGROUP Offsite L0007035 L0007036 L0007037 L0007038 L0007039 L0007040
SRCGROUP Offsite L0007041 L0007042 L0007043 L0007044 L0007045 L0007046
SRCGROUP Offsite L0007047 L0007048 L0007049 L0007050 L0007051 L0007052
SRCGROUP Offsite L0007053 L0007054 L0007055 L0007056 L0007057 L0007058
SRCGROUP Offsite L0007059 L0007060 L0007061 L0007062 L0007063 L0007064
SRCGROUP Offsite L0007065 L0007066 L0007067 L0007068 L0007069 L0007070
SRCGROUP Offsite L0007071 L0007072 L0007073 L0007074 L0007075 L0007076
SRCGROUP Offsite L0007077 L0007078 L0007079 L0007080 L0007081 L0007082
SRCGROUP Offsite L0007083 L0007084 L0007085 L0007086 L0007087 L0007088
SRCGROUP Offsite L0007089
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**
RE STARTING
INCLUDED "14616 Construction.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**
ME STARTING

SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14616 CONSTRUCTION.AD\AN00GALL.PLT" 31
PLOTFILE ANNUAL Onsite "14616 CONSTRUCTION.AD\AN00G001.PLT" 32
PLOTFILE ANNUAL Offsite "14616 CONSTRUCTION.AD\AN00G002.PLT" 33
SUMMFILE "14616 Construction.sum"

OU FINISHED

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

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

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

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

***** WARNING MESSAGES *****

ME W186 18816 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 18816 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1294 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:

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

**Other Options Specified:

ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 1294 Source(s); 3 Source Group(s); and 43 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 1294 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)

**Model Set To Continue RUNNING After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
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) = 442.00 ; 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 = 4.8 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14616

Construction.err

**File for Summary of Results: 14616

Construction.sum

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22


*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
SCALAR VARY	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY						
(METERS)								
L0004882	0	0.11399E-04	482362.5	3733674.1	433.8	3.49	6.51	3.25
YES HRDOW								
L0004883	0	0.11399E-04	482376.5	3733674.1	434.0	3.49	6.51	3.25
YES HRDOW								
L0004884	0	0.11399E-04	482390.5	3733674.0	434.0	3.49	6.51	3.25
YES HRDOW								
L0004885	0	0.11399E-04	482404.5	3733674.0	434.0	3.49	6.51	3.25
YES HRDOW								
L0004886	0	0.11399E-04	482418.5	3733673.9	434.0	3.49	6.51	3.25
YES HRDOW								
L0004887	0	0.11399E-04	482432.5	3733673.9	434.0	3.49	6.51	3.25
YES HRDOW								
L0004888	0	0.11399E-04	482446.5	3733673.8	434.0	3.49	6.51	3.25
YES HRDOW								
L0004889	0	0.11399E-04	482460.5	3733673.8	434.0	3.49	6.51	3.25
YES HRDOW								
L0004890	0	0.11399E-04	482474.5	3733673.7	434.0	3.49	6.51	3.25
YES HRDOW								
L0004891	0	0.11399E-04	482488.5	3733673.7	434.0	3.49	6.51	3.25
YES HRDOW								
L0004892	0	0.11399E-04	482502.5	3733673.6	434.0	3.49	6.51	3.25
YES HRDOW								
L0004893	0	0.11399E-04	482516.5	3733673.6	434.0	3.49	6.51	3.25
YES HRDOW								
L0004894	0	0.11399E-04	482530.5	3733673.6	434.0	3.49	6.51	3.25
YES HRDOW								
L0004895	0	0.11399E-04	482544.5	3733673.5	434.0	3.49	6.51	3.25
YES HRDOW								
L0004896	0	0.11399E-04	482558.5	3733673.5	434.0	3.49	6.51	3.25
YES HRDOW								
L0004897	0	0.11399E-04	482572.5	3733673.4	434.0	3.49	6.51	3.25
YES HRDOW								
L0004898	0	0.11399E-04	482586.5	3733673.4	434.0	3.49	6.51	3.25
YES HRDOW								
L0004899	0	0.11399E-04	482600.5	3733673.3	434.0	3.49	6.51	3.25
YES HRDOW								
L0004900	0	0.11399E-04	482614.5	3733673.3	434.0	3.49	6.51	3.25
YES HRDOW								
L0004901	0	0.11399E-04	482628.5	3733673.2	434.0	3.49	6.51	3.25
YES HRDOW								
L0004902	0	0.11399E-04	482642.5	3733673.2	434.0	3.49	6.51	3.25
YES HRDOW								
L0004903	0	0.11399E-04	482656.5	3733673.1	434.0	3.49	6.51	3.25
YES HRDOW								
L0004904	0	0.11399E-04	482670.5	3733673.1	434.0	3.49	6.51	3.25
YES HRDOW								
L0004905	0	0.11399E-04	482684.5	3733673.1	434.0	3.49	6.51	3.25
YES HRDOW								
L0004906	0	0.11399E-04	482698.5	3733673.0	434.0	3.49	6.51	3.25

YES	HRDOW								
L0004907		0	0.11399E-04	482712.5	3733673.0	434.0	3.49	6.51	3.25
YES	HRDOW								
L0004908		0	0.11399E-04	482726.5	3733672.9	434.0	3.49	6.51	3.25
YES	HRDOW								
L0004909		0	0.11399E-04	482740.5	3733672.9	434.0	3.49	6.51	3.25
YES	HRDOW								
L0004910		0	0.11399E-04	482754.5	3733672.8	434.1	3.49	6.51	3.25
YES	HRDOW								
L0004911		0	0.11399E-04	482768.5	3733672.8	434.2	3.49	6.51	3.25
YES	HRDOW								
L0004912		0	0.11399E-04	482782.5	3733672.7	434.6	3.49	6.51	3.25
YES	HRDOW								
L0004913		0	0.11399E-04	482796.5	3733672.7	434.9	3.49	6.51	3.25
YES	HRDOW								
L0004914		0	0.11399E-04	482810.5	3733672.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004915		0	0.11399E-04	482824.5	3733672.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004916		0	0.11399E-04	482838.5	3733672.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004917		0	0.11399E-04	482852.5	3733672.5	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004918		0	0.11399E-04	482866.5	3733672.5	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004919		0	0.11399E-04	482880.5	3733672.4	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004920		0	0.11399E-04	482894.5	3733672.4	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004921		0	0.11399E-04	482908.5	3733672.3	435.0	3.49	6.51	3.25
YES	HRDOW								

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.		BY						
(METERS)									
L0004922	0	0.11399E-04	482922.5	3733672.3	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004923	0	0.11399E-04	482936.5	3733672.2	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004924	0	0.11399E-04	482950.5	3733672.2	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004925	0	0.11399E-04	482964.5	3733672.1	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004926	0	0.11399E-04	482978.5	3733672.1	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004927	0	0.11399E-04	482992.5	3733672.0	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004928	0	0.11399E-04	483006.5	3733672.0	435.0	3.49	6.51	3.25	
YES	HRDOW								
L0004929	0	0.11399E-04	483020.5	3733672.0	435.0	3.49	6.51	3.25	

YES	HRDOW								
L0004930		0	0.11399E-04	483034.5	3733671.9	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004931		0	0.11399E-04	483048.5	3733671.9	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004932		0	0.11399E-04	483062.5	3733671.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004933		0	0.11399E-04	483076.5	3733671.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004934		0	0.11399E-04	483090.5	3733671.7	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004935		0	0.11399E-04	483104.5	3733671.7	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004936		0	0.11399E-04	483118.5	3733671.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0004937		0	0.11399E-04	483132.5	3733671.6	435.1	3.49	6.51	3.25
YES	HRDOW								
L0004938		0	0.11399E-04	483146.5	3733671.5	435.6	3.49	6.51	3.25
YES	HRDOW								
L0004939		0	0.11399E-04	483160.5	3733671.5	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004940		0	0.11399E-04	483174.5	3733671.5	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004941		0	0.11399E-04	483188.5	3733671.4	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004942		0	0.11399E-04	483202.5	3733671.4	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004943		0	0.11399E-04	483216.5	3733671.3	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004944		0	0.11399E-04	483230.5	3733671.3	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004945		0	0.11399E-04	483244.5	3733671.2	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004946		0	0.11399E-04	483258.5	3733671.2	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004947		0	0.11399E-04	483272.5	3733671.1	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004948		0	0.11399E-04	483283.2	3733667.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004949		0	0.11399E-04	483283.2	3733653.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004950		0	0.11399E-04	483283.3	3733639.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004951		0	0.11399E-04	483283.3	3733625.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004952		0	0.11399E-04	483283.3	3733611.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004953		0	0.11399E-04	483283.4	3733597.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004954		0	0.11399E-04	483283.4	3733583.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004955		0	0.11399E-04	483283.5	3733569.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004956		0	0.11399E-04	483283.5	3733555.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004957		0	0.11399E-04	483283.5	3733541.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004958		0	0.11399E-04	483283.6	3733527.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004959		0	0.11399E-04	483283.6	3733513.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004960		0	0.11399E-04	483283.6	3733499.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004961		0	0.11399E-04	483283.7	3733485.8	436.0	3.49	6.51	3.25
YES	HRDOW								

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							
L0004962	0	0.11399E-04	483283.7	3733471.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004963	0	0.11399E-04	483283.8	3733457.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004964	0	0.11399E-04	483283.8	3733443.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004965	0	0.11399E-04	483283.8	3733429.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004966	0	0.11399E-04	483283.9	3733415.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004967	0	0.11399E-04	483283.9	3733401.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004968	0	0.11399E-04	483283.9	3733387.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004969	0	0.11399E-04	483284.0	3733373.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004970	0	0.11399E-04	483284.0	3733359.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004971	0	0.11399E-04	483284.0	3733345.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004972	0	0.11399E-04	483284.1	3733331.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004973	0	0.11399E-04	483284.1	3733317.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004974	0	0.11399E-04	483284.2	3733303.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004975	0	0.11399E-04	483284.2	3733289.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004976	0	0.11399E-04	483284.2	3733275.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004977	0	0.11399E-04	483284.3	3733261.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004978	0	0.11399E-04	483284.3	3733247.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004979	0	0.11399E-04	483284.3	3733233.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004980	0	0.11399E-04	483284.4	3733219.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004981	0	0.11399E-04	483284.4	3733205.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004982	0	0.11399E-04	483284.5	3733191.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004983	0	0.11399E-04	483284.5	3733177.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004984	0	0.11399E-04	483284.5	3733163.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0004985	0	0.11399E-04	483284.6	3733149.8	436.0	3.49	6.51	3.25

YES	HRDOW								
L0004986		0	0.11399E-04	483284.6	3733135.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004987		0	0.11399E-04	483284.6	3733121.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004988		0	0.11399E-04	483284.7	3733107.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004989		0	0.11399E-04	483284.7	3733093.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004990		0	0.11399E-04	483284.7	3733079.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004991		0	0.11399E-04	483284.8	3733065.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004992		0	0.11399E-04	483284.8	3733051.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004993		0	0.11399E-04	483284.9	3733037.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0004994		0	0.11399E-04	483284.9	3733023.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0006025		0	0.13321E-04	482362.5	3733674.1	433.8	4.25	6.51	2.33
YES	HRDOW								
L0006026		0	0.13321E-04	482376.5	3733674.1	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006027		0	0.13321E-04	482390.5	3733674.0	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006028		0	0.13321E-04	482404.5	3733674.0	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006029		0	0.13321E-04	482418.5	3733673.9	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006030		0	0.13321E-04	482432.5	3733673.9	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006031		0	0.13321E-04	482446.5	3733673.8	434.0	4.25	6.51	2.33
YES	HRDOW								

AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	CATS.	BY							
L0006032	0	0.13321E-04	482460.5	3733673.8		434.0	4.25	6.51	2.33
YES	HRDOW								
L0006033	0	0.13321E-04	482474.5	3733673.7		434.0	4.25	6.51	2.33
YES	HRDOW								
L0006034	0	0.13321E-04	482488.5	3733673.7		434.0	4.25	6.51	2.33
YES	HRDOW								
L0006035	0	0.13321E-04	482502.5	3733673.6		434.0	4.25	6.51	2.33
YES	HRDOW								
L0006036	0	0.13321E-04	482516.5	3733673.6		434.0	4.25	6.51	2.33
YES	HRDOW								
L0006037	0	0.13321E-04	482530.5	3733673.6		434.0	4.25	6.51	2.33
YES	HRDOW								
L0006038	0	0.13321E-04	482544.5	3733673.5		434.0	4.25	6.51	2.33

YES	HRDOW								
L0006039		0	0.13321E-04	482558.5	3733673.5	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006040		0	0.13321E-04	482572.5	3733673.4	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006041		0	0.13321E-04	482586.5	3733673.4	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006042		0	0.13321E-04	482600.5	3733673.3	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006043		0	0.13321E-04	482614.5	3733673.3	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006044		0	0.13321E-04	482628.5	3733673.2	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006045		0	0.13321E-04	482642.5	3733673.2	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006046		0	0.13321E-04	482656.5	3733673.1	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006047		0	0.13321E-04	482670.5	3733673.1	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006048		0	0.13321E-04	482684.5	3733673.1	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006049		0	0.13321E-04	482698.5	3733673.0	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006050		0	0.13321E-04	482712.5	3733673.0	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006051		0	0.13321E-04	482726.5	3733672.9	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006052		0	0.13321E-04	482740.5	3733672.9	434.0	4.25	6.51	2.33
YES	HRDOW								
L0006053		0	0.13321E-04	482754.5	3733672.8	434.1	4.25	6.51	2.33
YES	HRDOW								
L0006054		0	0.13321E-04	482768.5	3733672.8	434.2	4.25	6.51	2.33
YES	HRDOW								
L0006055		0	0.13321E-04	482782.5	3733672.7	434.6	4.25	6.51	2.33
YES	HRDOW								
L0006056		0	0.13321E-04	482796.5	3733672.7	434.9	4.25	6.51	2.33
YES	HRDOW								
L0006057		0	0.13321E-04	482810.5	3733672.6	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006058		0	0.13321E-04	482824.5	3733672.6	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006059		0	0.13321E-04	482838.5	3733672.6	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006060		0	0.13321E-04	482852.5	3733672.5	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006061		0	0.13321E-04	482866.5	3733672.5	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006062		0	0.13321E-04	482880.5	3733672.4	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006063		0	0.13321E-04	482894.5	3733672.4	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006064		0	0.13321E-04	482908.5	3733672.3	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006065		0	0.13321E-04	482922.5	3733672.3	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006066		0	0.13321E-04	482936.5	3733672.2	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006067		0	0.13321E-04	482950.5	3733672.2	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006068		0	0.13321E-04	482964.5	3733672.1	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006069		0	0.13321E-04	482978.5	3733672.1	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006070		0	0.13321E-04	482992.5	3733672.0	435.0	4.25	6.51	2.33
YES	HRDOW								
L0006071		0	0.13321E-04	483006.5	3733672.0	435.0	4.25	6.51	2.33

YES HRDOW
 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 6

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SCALAR VARY	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
ID								
(METERS)								
L0006072	0	0.13321E-04	483020.5	3733672.0	435.0	4.25	6.51	2.33
YES HRDOW								
L0006073	0	0.13321E-04	483034.5	3733671.9	435.0	4.25	6.51	2.33
YES HRDOW								
L0006074	0	0.13321E-04	483048.5	3733671.9	435.0	4.25	6.51	2.33
YES HRDOW								
L0006075	0	0.13321E-04	483062.5	3733671.8	435.0	4.25	6.51	2.33
YES HRDOW								
L0006076	0	0.13321E-04	483076.5	3733671.8	435.0	4.25	6.51	2.33
YES HRDOW								
L0006077	0	0.13321E-04	483090.5	3733671.7	435.0	4.25	6.51	2.33
YES HRDOW								
L0006078	0	0.13321E-04	483104.5	3733671.7	435.0	4.25	6.51	2.33
YES HRDOW								
L0006079	0	0.13321E-04	483118.5	3733671.6	435.0	4.25	6.51	2.33
YES HRDOW								
L0006080	0	0.13321E-04	483132.5	3733671.6	435.1	4.25	6.51	2.33
YES HRDOW								
L0006081	0	0.13321E-04	483146.5	3733671.5	435.6	4.25	6.51	2.33
YES HRDOW								
L0006082	0	0.13321E-04	483160.5	3733671.5	436.0	4.25	6.51	2.33
YES HRDOW								
L0006083	0	0.13321E-04	483174.5	3733671.5	436.0	4.25	6.51	2.33
YES HRDOW								
L0006084	0	0.13321E-04	483188.5	3733671.4	436.0	4.25	6.51	2.33
YES HRDOW								
L0006085	0	0.13321E-04	483202.5	3733671.4	436.0	4.25	6.51	2.33
YES HRDOW								
L0006086	0	0.13321E-04	483216.5	3733671.3	436.0	4.25	6.51	2.33
YES HRDOW								
L0006087	0	0.13321E-04	483230.5	3733671.3	436.0	4.25	6.51	2.33
YES HRDOW								
L0006088	0	0.13321E-04	483244.5	3733671.2	436.0	4.25	6.51	2.33
YES HRDOW								
L0006089	0	0.13321E-04	483258.5	3733671.2	436.0	4.25	6.51	2.33
YES HRDOW								
L0006090	0	0.13321E-04	483272.5	3733671.1	436.0	4.25	6.51	2.33
YES HRDOW								
L0006091	0	0.13321E-04	483283.2	3733667.8	436.0	4.25	6.51	2.33
YES HRDOW								
L0006092	0	0.13321E-04	483283.3	3733653.8	436.0	4.25	6.51	2.33
YES HRDOW								
L0006093	0	0.13321E-04	483283.4	3733639.8	436.0	4.25	6.51	2.33
YES HRDOW								
L0006094	0	0.13321E-04	483283.5	3733625.8	436.0	4.25	6.51	2.33

YES	HRDOW								
L0006095		0	0.13321E-04	483283.6	3733611.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006096		0	0.13321E-04	483283.7	3733597.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006097		0	0.13321E-04	483283.8	3733583.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006098		0	0.13321E-04	483283.9	3733569.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006099		0	0.13321E-04	483284.0	3733555.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006100		0	0.13321E-04	483284.1	3733541.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006101		0	0.13321E-04	483284.2	3733527.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006102		0	0.13321E-04	483284.2	3733513.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006103		0	0.13321E-04	483284.3	3733499.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006104		0	0.13321E-04	483284.4	3733485.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006105		0	0.13321E-04	483284.5	3733471.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006106		0	0.13321E-04	483284.6	3733457.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006107		0	0.13321E-04	483284.7	3733443.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006108		0	0.13321E-04	483284.8	3733429.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006109		0	0.13321E-04	483284.9	3733415.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006110		0	0.13321E-04	483285.0	3733401.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006111		0	0.13321E-04	483285.1	3733387.8	436.0	4.25	6.51	2.33

HR *** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							
L0006112	0	0.13321E-04	483285.2	3733373.8	436.0	4.25	6.51	2.33
YES	HRDOW							
L0006113	0	0.13321E-04	483285.3	3733359.8	436.0	4.25	6.51	2.33
YES	HRDOW							
L0006114	0	0.13321E-04	483285.4	3733345.8	436.0	4.25	6.51	2.33
YES	HRDOW							
L0006115	0	0.13321E-04	483285.5	3733331.8	436.0	4.25	6.51	2.33
YES	HRDOW							
L0006116	0	0.13321E-04	483285.6	3733317.8	436.0	4.25	6.51	2.33
YES	HRDOW							
L0006117	0	0.13321E-04	483285.7	3733303.8	436.0	4.25	6.51	2.33

YES	HRDOW								
L0006118		0	0.13321E-04	483285.8	3733289.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006119		0	0.13321E-04	483285.8	3733275.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006120		0	0.13321E-04	483285.9	3733261.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006121		0	0.13321E-04	483286.0	3733247.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006122		0	0.13321E-04	483286.1	3733233.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006123		0	0.13321E-04	483286.2	3733219.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006124		0	0.13321E-04	483286.3	3733205.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006125		0	0.13321E-04	483286.4	3733191.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006126		0	0.13321E-04	483286.5	3733177.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006127		0	0.13321E-04	483286.6	3733163.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006128		0	0.13321E-04	483286.7	3733149.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006129		0	0.13321E-04	483286.8	3733135.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006130		0	0.13321E-04	483286.9	3733121.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006131		0	0.13321E-04	483287.0	3733107.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006132		0	0.13321E-04	483287.1	3733093.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006133		0	0.13321E-04	483287.2	3733079.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006134		0	0.13321E-04	483287.3	3733065.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006135		0	0.13321E-04	483287.4	3733051.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006136		0	0.13321E-04	483287.4	3733037.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006137		0	0.13321E-04	483287.5	3733023.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006138		0	0.13321E-04	483287.6	3733009.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006139		0	0.13321E-04	483287.7	3732995.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006140		0	0.13321E-04	483287.8	3732981.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006141		0	0.13321E-04	483287.9	3732967.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006142		0	0.13321E-04	483288.0	3732953.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006143		0	0.13321E-04	483288.1	3732939.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006144		0	0.13321E-04	483288.2	3732925.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006145		0	0.13321E-04	483288.3	3732911.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006146		0	0.13321E-04	483288.4	3732897.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0006147		0	0.13321E-04	483288.5	3732883.8	436.0	4.25	6.51	2.33
YES	HRDOW								
L0003908		0	0.14950E-07	482362.5	3733674.1	433.8	3.49	6.51	3.25
YES	HRDOW								
L0003909		0	0.14950E-07	482376.5	3733674.1	434.0	3.49	6.51	3.25
YES	HRDOW								
L0003910		0	0.14950E-07	482390.5	3733674.0	434.0	3.49	6.51	3.25

YES HRDOW
L0003911 0 0.14950E-07 482404.5 3733674.0 434.0 3.49 6.51 3.25

YES HRDOW

*** AERMOD - VERSION 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 8

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	SCALAR	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	VARY	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003912	0	0.14950E-07	482418.5	3733673.9	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003913	0	0.14950E-07	482432.5	3733673.9	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003914	0	0.14950E-07	482446.5	3733673.8	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003915	0	0.14950E-07	482460.5	3733673.8	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003916	0	0.14950E-07	482474.5	3733673.7	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003917	0	0.14950E-07	482488.5	3733673.7	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003918	0	0.14950E-07	482502.5	3733673.6	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003919	0	0.14950E-07	482516.5	3733673.6	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003920	0	0.14950E-07	482530.5	3733673.6	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003921	0	0.14950E-07	482544.5	3733673.5	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003922	0	0.14950E-07	482558.5	3733673.5	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003923	0	0.14950E-07	482572.5	3733673.4	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003924	0	0.14950E-07	482586.5	3733673.4	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003925	0	0.14950E-07	482600.5	3733673.3	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003926	0	0.14950E-07	482614.5	3733673.3	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003927	0	0.14950E-07	482628.5	3733673.2	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003928	0	0.14950E-07	482642.5	3733673.2	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003929	0	0.14950E-07	482656.5	3733673.1	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003930	0	0.14950E-07	482670.5	3733673.1	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003931	0	0.14950E-07	482684.5	3733673.1	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003932	0	0.14950E-07	482698.5	3733673.0	434.0	3.49	6.51	3.25	
YES HRDOW									
L0003933	0	0.14950E-07	482712.5	3733673.0	434.0	3.49	6.51	3.25	

YES	HRDOW								
L0003934		0	0.14950E-07	482726.5	3733672.9	434.0	3.49	6.51	3.25
YES	HRDOW								
L0003935		0	0.14950E-07	482740.5	3733672.9	434.0	3.49	6.51	3.25
YES	HRDOW								
L0003936		0	0.14950E-07	482754.5	3733672.8	434.1	3.49	6.51	3.25
YES	HRDOW								
L0003937		0	0.14950E-07	482768.5	3733672.8	434.2	3.49	6.51	3.25
YES	HRDOW								
L0003938		0	0.14950E-07	482782.5	3733672.7	434.6	3.49	6.51	3.25
YES	HRDOW								
L0003939		0	0.14950E-07	482796.5	3733672.7	434.9	3.49	6.51	3.25
YES	HRDOW								
L0003940		0	0.14950E-07	482810.5	3733672.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003941		0	0.14950E-07	482824.5	3733672.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003942		0	0.14950E-07	482838.5	3733672.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003943		0	0.14950E-07	482852.5	3733672.5	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003944		0	0.14950E-07	482866.5	3733672.5	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003945		0	0.14950E-07	482880.5	3733672.4	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003946		0	0.14950E-07	482894.5	3733672.4	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003947		0	0.14950E-07	482908.5	3733672.3	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003948		0	0.14950E-07	482922.5	3733672.3	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003949		0	0.14950E-07	482936.5	3733672.2	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003950		0	0.14950E-07	482950.5	3733672.2	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003951		0	0.14950E-07	482964.5	3733672.1	435.0	3.49	6.51	3.25
YES	HRDOW								

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY						
L0003952	0	0.14950E-07	482978.5	3733672.1	435.0	3.49	6.51	3.25
YES	HRDOW							
L0003953	0	0.14950E-07	482992.5	3733672.0	435.0	3.49	6.51	3.25
YES	HRDOW							
L0003954	0	0.14950E-07	483006.5	3733672.0	435.0	3.49	6.51	3.25
YES	HRDOW							
L0003955	0	0.14950E-07	483020.5	3733672.0	435.0	3.49	6.51	3.25
YES	HRDOW							
L0003956	0	0.14950E-07	483034.5	3733671.9	435.0	3.49	6.51	3.25

YES	HRDOW								
L0003957		0	0.14950E-07	483048.5	3733671.9	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003958		0	0.14950E-07	483062.5	3733671.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003959		0	0.14950E-07	483076.5	3733671.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003960		0	0.14950E-07	483090.5	3733671.7	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003961		0	0.14950E-07	483104.5	3733671.7	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003962		0	0.14950E-07	483118.5	3733671.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0003963		0	0.14950E-07	483132.5	3733671.6	435.1	3.49	6.51	3.25
YES	HRDOW								
L0003964		0	0.14950E-07	483146.5	3733671.5	435.6	3.49	6.51	3.25
YES	HRDOW								
L0003965		0	0.14950E-07	483160.5	3733671.5	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003966		0	0.14950E-07	483174.5	3733671.5	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003967		0	0.14950E-07	483188.5	3733671.4	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003968		0	0.14950E-07	483202.5	3733671.4	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003969		0	0.14950E-07	483216.5	3733671.3	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003970		0	0.14950E-07	483230.5	3733671.3	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003971		0	0.14950E-07	483244.5	3733671.2	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003972		0	0.14950E-07	483258.5	3733671.2	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003973		0	0.14950E-07	483272.5	3733671.1	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003974		0	0.14950E-07	483283.2	3733667.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003975		0	0.14950E-07	483283.3	3733653.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003976		0	0.14950E-07	483283.4	3733639.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003977		0	0.14950E-07	483283.5	3733625.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003978		0	0.14950E-07	483283.6	3733611.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003979		0	0.14950E-07	483283.7	3733597.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003980		0	0.14950E-07	483283.8	3733583.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003981		0	0.14950E-07	483283.9	3733569.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003982		0	0.14950E-07	483284.0	3733555.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003983		0	0.14950E-07	483284.1	3733541.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003984		0	0.14950E-07	483284.2	3733527.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003985		0	0.14950E-07	483284.2	3733513.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003986		0	0.14950E-07	483284.3	3733499.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003987		0	0.14950E-07	483284.4	3733485.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003988		0	0.14950E-07	483284.5	3733471.8	436.0	3.49	6.51	3.25
YES	HRDOW								
L0003989		0	0.14950E-07	483284.6	3733457.8	436.0	3.49	6.51	3.25

```

YES HRDOW
L0003990      0  0.14950E-07  483284.7 3733443.8  436.0  3.49  6.51  3.25
YES HRDOW
L0003991      0  0.14950E-07  483284.8 3733429.8  436.0  3.49  6.51  3.25
YES HRDOW
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X				
(METERS)	CATS.		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0003992	0	0.14950E-07		483284.9	3733415.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003993	0	0.14950E-07		483285.0	3733401.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003994	0	0.14950E-07		483285.1	3733387.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003995	0	0.14950E-07		483285.2	3733373.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003996	0	0.14950E-07		483285.3	3733359.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003997	0	0.14950E-07		483285.4	3733345.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003998	0	0.14950E-07		483285.5	3733331.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0003999	0	0.14950E-07		483285.6	3733317.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004000	0	0.14950E-07		483285.7	3733303.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004001	0	0.14950E-07		483285.8	3733289.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004002	0	0.14950E-07		483285.8	3733275.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004003	0	0.14950E-07		483285.9	3733261.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004004	0	0.14950E-07		483286.0	3733247.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004005	0	0.14950E-07		483286.1	3733233.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004006	0	0.14950E-07		483286.2	3733219.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004007	0	0.14950E-07		483286.3	3733205.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004008	0	0.14950E-07		483286.4	3733191.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004009	0	0.14950E-07		483286.5	3733177.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004010	0	0.14950E-07		483286.6	3733163.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004011	0	0.14950E-07		483286.7	3733149.8	436.0	3.49	6.51 3.25
YES HRDOW								
L0004012	0	0.14950E-07		483286.8	3733135.8	436.0	3.49	6.51 3.25

```

YES  HRDOW
L0004013      0  0.14950E-07  483286.9 3733121.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004014      0  0.14950E-07  483287.0 3733107.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004015      0  0.14950E-07  483287.1 3733093.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004016      0  0.14950E-07  483287.2 3733079.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004017      0  0.14950E-07  483287.3 3733065.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004018      0  0.14950E-07  483287.4 3733051.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004019      0  0.14950E-07  483287.4 3733037.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004020      0  0.14950E-07  483287.5 3733023.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004021      0  0.14950E-07  483287.6 3733009.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004022      0  0.14950E-07  483287.7 3732995.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004023      0  0.14950E-07  483287.8 3732981.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004024      0  0.14950E-07  483287.9 3732967.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004025      0  0.14950E-07  483288.0 3732953.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004026      0  0.14950E-07  483288.1 3732939.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004027      0  0.14950E-07  483288.2 3732925.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004028      0  0.14950E-07  483288.3 3732911.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004029      0  0.14950E-07  483288.4 3732897.8  436.0   3.49   6.51   3.25
YES  HRDOW
L0004030      0  0.14950E-07  483288.5 3732883.8  436.0   3.49   6.51   3.25
YES  HRDOW
VOL1          0  0.63342E-03  482940.5 3733216.9  435.0   5.00  25.32   1.40
YES  HRDOW

```

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op ***      01/12/22
*** AERMET - VERSION 16216 ***
***                                     ***      14:46:58

```

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

```

          NUMBER EMISSION RATE          BASE   RELEASE   INIT.   INIT.
          URBAN  EMISSION RATE
SOURCE   PART.  (GRAMS/SEC)    X        Y        ELEV.  HEIGHT   SY      SZ
SOURCE  SCALAR VARY
      ID      CATS.          (METERS) (METERS) (METERS) (METERS) (METERS)
      (METERS)          BY
-----

```

```

VOL2          0  0.63342E-03  483027.5 3733215.4  435.0   5.00  25.32   1.40
YES  HRDOW
VOL3          0  0.63342E-03  482941.0 3733107.0  435.0   5.00  25.32   1.40
YES  HRDOW
VOL4          0  0.63342E-03  483051.9 3733113.6  435.0   5.00  25.32   1.40
YES  HRDOW
VOL5          0  0.63342E-03  483134.8 3733113.1  435.2   5.00  25.32   1.40

```

YES	HRDOW								
VOL6		0	0.63342E-03	483211.2	3733113.1	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL7		0	0.63342E-03	482944.5	3733053.6	435.0	5.00	25.32	1.40
YES	HRDOW								
VOL8		0	0.63342E-03	483053.4	3733053.6	435.0	5.00	25.32	1.40
YES	HRDOW								
VOL9		0	0.63342E-03	483163.3	3733051.0	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL10		0	0.63342E-03	483209.6	3733055.6	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL11		0	0.63342E-03	483357.7	3733052.0	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL12		0	0.63342E-03	483431.0	3733048.0	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL13		0	0.63342E-03	483540.4	3733068.8	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL14		0	0.63342E-03	483622.3	3733066.8	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL15		0	0.63342E-03	483358.2	3733160.4	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL16		0	0.63342E-03	483462.0	3733154.3	436.1	5.00	25.32	1.40
YES	HRDOW								
VOL17		0	0.63342E-03	483557.2	3733154.8	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL18		0	0.63342E-03	483622.3	3733155.8	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL19		0	0.63342E-03	483357.7	3733264.2	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL20		0	0.63342E-03	483461.5	3733261.7	436.1	5.00	25.32	1.40
YES	HRDOW								
VOL21		0	0.63342E-03	483553.1	3733261.2	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL22		0	0.63342E-03	483622.3	3733264.2	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL23		0	0.63342E-03	483356.2	3733372.6	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL24		0	0.63342E-03	483463.5	3733370.6	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL25		0	0.63342E-03	483553.6	3733369.1	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL26		0	0.63342E-03	483622.3	3733373.1	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL27		0	0.63342E-03	483356.2	3733439.8	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL28		0	0.63342E-03	483463.0	3733441.3	436.1	5.00	25.32	1.40
YES	HRDOW								
VOL29		0	0.63342E-03	483555.1	3733441.3	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL30		0	0.63342E-03	483622.8	3733441.3	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL31		0	0.63342E-03	483622.3	3733512.5	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL32		0	0.63342E-03	483513.9	3733511.0	437.0	5.00	25.32	1.40
YES	HRDOW								
VOL33		0	0.63342E-03	483437.1	3733510.0	436.0	5.00	25.32	1.40
YES	HRDOW								
VOL34		0	0.63342E-03	483354.1	3733511.0	436.0	5.00	25.32	1.40
YES	HRDOW								
L0003705		0	0.86234E-04	482480.4	3734051.1	433.0	0.00	9.30	2.33
YES	HRDOW								
L0003706		0	0.86234E-04	482481.3	3734031.1	433.0	0.00	9.30	2.33
YES	HRDOW								
L0003707		0	0.86234E-04	482482.2	3734011.1	433.2	0.00	9.30	2.33
YES	HRDOW								
L0003708		0	0.86234E-04	482483.1	3733991.1	433.4	0.00	9.30	2.33

```

YES HRDOW
L0003709      0  0.86234E-04  482484.0 3733971.1  433.5    0.00    9.30    2.33
YES HRDOW
L0003710      0  0.86234E-04  482486.6 3733951.3  433.6    0.00    9.30    2.33
YES HRDOW
L0003711      0  0.86234E-04  482489.5 3733931.5  433.7    0.00    9.30    2.33
YES HRDOW

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 12

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							
L0003712	0	0.86234E-04	482492.5	3733911.8	433.8	0.00	9.30	2.33
YES HRDOW								
L0003713	0	0.86234E-04	482496.7	3733892.2	433.9	0.00	9.30	2.33
YES HRDOW								
L0003714	0	0.86234E-04	482500.9	3733872.7	434.0	0.00	9.30	2.33
YES HRDOW								
L0003715	0	0.86234E-04	482506.5	3733853.5	434.0	0.00	9.30	2.33
YES HRDOW								
L0003716	0	0.86234E-04	482513.0	3733834.6	434.0	0.00	9.30	2.33
YES HRDOW								
L0003717	0	0.86234E-04	482519.4	3733815.6	434.0	0.00	9.30	2.33
YES HRDOW								
L0003718	0	0.86234E-04	482525.8	3733796.7	434.0	0.00	9.30	2.33
YES HRDOW								
L0003719	0	0.86234E-04	482532.2	3733777.7	434.0	0.00	9.30	2.33
YES HRDOW								
L0003720	0	0.86234E-04	482538.7	3733758.8	434.0	0.00	9.30	2.33
YES HRDOW								
L0003721	0	0.86234E-04	482545.1	3733739.9	434.0	0.00	9.30	2.33
YES HRDOW								
L0003722	0	0.86234E-04	482551.5	3733720.9	434.0	0.00	9.30	2.33
YES HRDOW								
L0003723	0	0.86234E-04	482557.9	3733702.0	434.0	0.00	9.30	2.33
YES HRDOW								
L0004202	0	0.40850E-07	482480.1	3734056.8	433.0	3.49	4.00	3.25
YES HRDOW								
L0004203	0	0.40850E-07	482480.5	3734048.2	433.0	3.49	4.00	3.25
YES HRDOW								
L0004204	0	0.40850E-07	482480.9	3734039.6	433.0	3.49	4.00	3.25
YES HRDOW								
L0004205	0	0.40850E-07	482481.3	3734031.0	433.0	3.49	4.00	3.25
YES HRDOW								
L0004206	0	0.40850E-07	482481.7	3734022.4	433.1	3.49	4.00	3.25
YES HRDOW								
L0004207	0	0.40850E-07	482482.1	3734013.9	433.2	3.49	4.00	3.25
YES HRDOW								
L0004208	0	0.40850E-07	482482.5	3734005.3	433.3	3.49	4.00	3.25
YES HRDOW								
L0004209	0	0.40850E-07	482482.9	3733996.7	433.4	3.49	4.00	3.25

YES	HRDOW								
L0004210		0	0.40850E-07	482483.3	3733988.1	433.4	3.49	4.00	3.25
YES	HRDOW								
L0004211		0	0.40850E-07	482483.7	3733979.5	433.4	3.49	4.00	3.25
YES	HRDOW								
L0004212		0	0.40850E-07	482484.1	3733971.0	433.5	3.49	4.00	3.25
YES	HRDOW								
L0004213		0	0.40850E-07	482485.0	3733962.4	433.5	3.49	4.00	3.25
YES	HRDOW								
L0004214		0	0.40850E-07	482486.3	3733953.9	433.5	3.49	4.00	3.25
YES	HRDOW								
L0004215		0	0.40850E-07	482487.5	3733945.4	433.6	3.49	4.00	3.25
YES	HRDOW								
L0004216		0	0.40850E-07	482488.7	3733936.9	433.6	3.49	4.00	3.25
YES	HRDOW								
L0004217		0	0.40850E-07	482490.0	3733928.4	433.7	3.49	4.00	3.25
YES	HRDOW								
L0004218		0	0.40850E-07	482491.2	3733919.9	433.7	3.49	4.00	3.25
YES	HRDOW								
L0004219		0	0.40850E-07	482492.5	3733911.4	433.8	3.49	4.00	3.25
YES	HRDOW								
L0004220		0	0.40850E-07	482494.3	3733903.0	433.8	3.49	4.00	3.25
YES	HRDOW								
L0004221		0	0.40850E-07	482496.2	3733894.6	433.9	3.49	4.00	3.25
YES	HRDOW								
L0004222		0	0.40850E-07	482498.0	3733886.3	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004223		0	0.40850E-07	482499.8	3733877.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004224		0	0.40850E-07	482501.6	3733869.5	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004225		0	0.40850E-07	482503.9	3733861.2	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004226		0	0.40850E-07	482506.7	3733853.1	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004227		0	0.40850E-07	482509.4	3733844.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004228		0	0.40850E-07	482512.2	3733836.8	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004229		0	0.40850E-07	482515.0	3733828.7	434.0	3.49	4.00	3.25
YES	HRDOW								

*** AERMOD - VERSION 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 13

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	SCALAR	NUMBER PART. ID (METERS)	EMISSION VARY CATS. BY	RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0004230		0	0.40850E-07	482517.7	3733820.5	434.0	3.49	4.00	3.25	
YES	HRDOW									
L0004231		0	0.40850E-07	482520.5	3733812.4	434.0	3.49	4.00	3.25	
YES	HRDOW									
L0004232		0	0.40850E-07	482523.2	3733804.3	434.0	3.49	4.00	3.25	

YES	HRDOW								
L0004233		0	0.40850E-07	482526.0	3733796.1	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004234		0	0.40850E-07	482528.8	3733788.0	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004235		0	0.40850E-07	482531.5	3733779.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004236		0	0.40850E-07	482534.3	3733771.7	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004237		0	0.40850E-07	482537.0	3733763.6	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004238		0	0.40850E-07	482539.8	3733755.5	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004239		0	0.40850E-07	482542.6	3733747.3	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004240		0	0.40850E-07	482545.3	3733739.2	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004241		0	0.40850E-07	482548.1	3733731.0	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004242		0	0.40850E-07	482550.8	3733722.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004243		0	0.40850E-07	482553.6	3733714.8	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004244		0	0.40850E-07	482556.4	3733706.6	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004245		0	0.40850E-07	482559.1	3733698.5	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004246		0	0.40850E-07	482561.9	3733690.4	434.0	3.49	4.00	3.25
YES	HRDOW								
L0006334		0	0.81922E-04	482482.1	3733278.8	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006335		0	0.81922E-04	482484.0	3733298.7	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006336		0	0.81922E-04	482485.8	3733318.7	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006337		0	0.81922E-04	482487.7	3733338.6	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006338		0	0.81922E-04	482489.6	3733358.5	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006339		0	0.81922E-04	482491.5	3733378.4	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006340		0	0.81922E-04	482493.4	3733398.3	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006341		0	0.81922E-04	482495.3	3733418.2	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006342		0	0.81922E-04	482497.5	3733438.1	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006343		0	0.81922E-04	482500.9	3733457.8	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006344		0	0.81922E-04	482504.5	3733477.4	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006345		0	0.81922E-04	482509.9	3733496.7	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006346		0	0.81922E-04	482515.2	3733516.0	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006347		0	0.81922E-04	482520.5	3733535.3	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006348		0	0.81922E-04	482527.5	3733554.0	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006349		0	0.81922E-04	482535.0	3733572.5	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006350		0	0.81922E-04	482542.4	3733591.1	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006351		0	0.81922E-04	482549.9	3733609.7	434.0	0.00	9.30	1.16
YES	HRDOW								
L0006352		0	0.81922E-04	482557.4	3733628.2	434.0	0.00	9.30	1.16

```

YES HRDOW
L0006353      0  0.81922E-04  482564.8 3733646.8  434.0    0.00    9.30    1.16
YES HRDOW
L0004266      0  0.39110E-07  482481.5 3733273.2  434.0    3.49    4.00    3.25
YES HRDOW
L0004267      0  0.39110E-07  482482.3 3733281.7  434.0    3.49    4.00    3.25
YES HRDOW
L0004268      0  0.39110E-07  482483.2 3733290.3  434.0    3.49    4.00    3.25

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

```

```

*** AERMET - VERSION 16216 ***

```

```

*** *** 14:46:58

```

PAGE 14

```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

```

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	SCALAR VARY	BY							
	CATS.								
L0004269	0	0.39110E-07	482484.0	3733298.8	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004270	0	0.39110E-07	482484.8	3733307.4	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004271	0	0.39110E-07	482485.6	3733315.9	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004272	0	0.39110E-07	482486.4	3733324.5	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004273	0	0.39110E-07	482487.2	3733333.0	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004274	0	0.39110E-07	482488.0	3733341.6	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004275	0	0.39110E-07	482488.8	3733350.1	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004276	0	0.39110E-07	482489.6	3733358.7	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004277	0	0.39110E-07	482490.5	3733367.2	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004278	0	0.39110E-07	482491.3	3733375.8	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004279	0	0.39110E-07	482492.1	3733384.3	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004280	0	0.39110E-07	482492.9	3733392.9	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004281	0	0.39110E-07	482493.7	3733401.4	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004282	0	0.39110E-07	482494.5	3733410.0	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004283	0	0.39110E-07	482495.3	3733418.5	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004284	0	0.39110E-07	482496.1	3733427.1	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004285	0	0.39110E-07	482497.1	3733435.6	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004286	0	0.39110E-07	482498.6	3733444.1	434.0	3.49	4.00	3.25	
YES HRDOW									
L0004287	0	0.39110E-07	482500.0	3733452.5	434.0	3.49	4.00	3.25	

YES	HRDOW								
L0004288		0	0.39110E-07	482501.4	3733461.0	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004289		0	0.39110E-07	482502.9	3733469.5	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004290		0	0.39110E-07	482504.6	3733477.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004291		0	0.39110E-07	482506.9	3733486.2	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004292		0	0.39110E-07	482509.2	3733494.4	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004293		0	0.39110E-07	482511.5	3733502.7	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004294		0	0.39110E-07	482513.8	3733511.0	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004295		0	0.39110E-07	482516.1	3733519.3	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004296		0	0.39110E-07	482518.4	3733527.6	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004297		0	0.39110E-07	482520.7	3733535.8	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004298		0	0.39110E-07	482523.5	3733543.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004299		0	0.39110E-07	482526.7	3733551.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004300		0	0.39110E-07	482529.9	3733559.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004301		0	0.39110E-07	482533.1	3733567.9	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004302		0	0.39110E-07	482536.3	3733575.8	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004303		0	0.39110E-07	482539.5	3733583.8	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004304		0	0.39110E-07	482542.7	3733591.8	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004305		0	0.39110E-07	482545.9	3733599.7	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004306		0	0.39110E-07	482549.1	3733607.7	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004307		0	0.39110E-07	482552.3	3733615.7	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004308		0	0.39110E-07	482555.5	3733623.6	434.0	3.49	4.00	3.25
YES	HRDOW								

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)		X	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0004309		0	0.39110E-07	482558.7	3733631.6	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004310		0	0.39110E-07	482561.9	3733639.6	434.0	3.49	4.00	3.25

YES	HRDOW								
L0004311		0	0.39110E-07	482565.1	3733647.6	434.0	3.49	4.00	3.25
YES	HRDOW								
L0004312		0	0.39110E-07	482568.3	3733655.5	434.0	3.49	4.00	3.25
YES	HRDOW								
L0006354		0	0.15032E-04	482571.9	3733673.8	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006355		0	0.15032E-04	482585.9	3733673.7	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006356		0	0.15032E-04	482599.9	3733673.6	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006357		0	0.15032E-04	482613.9	3733673.6	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006358		0	0.15032E-04	482627.9	3733673.5	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006359		0	0.15032E-04	482641.9	3733673.4	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006360		0	0.15032E-04	482655.9	3733673.3	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006361		0	0.15032E-04	482669.9	3733673.3	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006362		0	0.15032E-04	482683.9	3733673.2	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006363		0	0.15032E-04	482697.9	3733673.1	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006364		0	0.15032E-04	482711.9	3733673.0	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006365		0	0.15032E-04	482725.9	3733672.9	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006366		0	0.15032E-04	482739.9	3733672.9	434.0	0.00	6.51	2.33
YES	HRDOW								
L0006367		0	0.15032E-04	482753.9	3733672.8	434.1	0.00	6.51	2.33
YES	HRDOW								
L0006368		0	0.15032E-04	482767.9	3733672.7	434.2	0.00	6.51	2.33
YES	HRDOW								
L0006369		0	0.15032E-04	482781.9	3733672.6	434.5	0.00	6.51	2.33
YES	HRDOW								
L0006370		0	0.15032E-04	482795.9	3733672.6	434.9	0.00	6.51	2.33
YES	HRDOW								
L0006371		0	0.15032E-04	482809.9	3733672.5	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006372		0	0.15032E-04	482823.9	3733672.4	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006373		0	0.15032E-04	482837.9	3733672.3	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006374		0	0.15032E-04	482851.9	3733672.2	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006375		0	0.15032E-04	482865.9	3733672.2	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006376		0	0.15032E-04	482879.9	3733672.1	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006377		0	0.15032E-04	482893.9	3733672.0	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006378		0	0.15032E-04	482907.9	3733671.9	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006379		0	0.15032E-04	482921.9	3733671.9	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006380		0	0.15032E-04	482935.9	3733671.8	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006381		0	0.15032E-04	482949.9	3733671.7	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006382		0	0.15032E-04	482963.9	3733671.6	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006383		0	0.15032E-04	482977.9	3733671.5	435.0	0.00	6.51	2.33
YES	HRDOW								
L0006384		0	0.15032E-04	482991.9	3733671.5	435.0	0.00	6.51	2.33

```

YES HRDOW
L0006385      0  0.15032E-04  483005.9 3733671.4  435.0    0.00    6.51    2.33
YES HRDOW
L0006386      0  0.15032E-04  483019.9 3733671.3  435.0    0.00    6.51    2.33
YES HRDOW
L0006387      0  0.15032E-04  483033.9 3733671.2  435.0    0.00    6.51    2.33
YES HRDOW
L0006388      0  0.15032E-04  483047.9 3733671.2  435.0    0.00    6.51    2.33
YES HRDOW
L0006389      0  0.15032E-04  483061.9 3733671.1  435.0    0.00    6.51    2.33
YES HRDOW

```

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op ***                01/12/22
*** AERMET - VERSION 16216 ***
***                                     ***                14:46:58

```

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER URBAN	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ
SOURCE ID (METERS)	PART. SCALAR VARY CATS.	EMISSION RATE BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0006390	0	0.15032E-04	483075.9	3733671.0	435.0	0.00	6.51	2.33
YES HRDOW								
L0006391	0	0.15032E-04	483089.9	3733670.9	435.0	0.00	6.51	2.33
YES HRDOW								
L0006392	0	0.15032E-04	483103.9	3733670.8	435.0	0.00	6.51	2.33
YES HRDOW								
L0006393	0	0.15032E-04	483117.9	3733670.8	435.0	0.00	6.51	2.33
YES HRDOW								
L0006394	0	0.15032E-04	483131.9	3733670.7	435.1	0.00	6.51	2.33
YES HRDOW								
L0006395	0	0.15032E-04	483145.9	3733670.6	435.5	0.00	6.51	2.33
YES HRDOW								
L0006396	0	0.15032E-04	483159.9	3733670.5	436.0	0.00	6.51	2.33
YES HRDOW								
L0006397	0	0.15032E-04	483173.9	3733670.5	436.0	0.00	6.51	2.33
YES HRDOW								
L0006398	0	0.15032E-04	483187.9	3733670.4	436.0	0.00	6.51	2.33
YES HRDOW								
L0006399	0	0.15032E-04	483201.9	3733670.3	436.0	0.00	6.51	2.33
YES HRDOW								
L0006400	0	0.15032E-04	483215.9	3733670.2	436.0	0.00	6.51	2.33
YES HRDOW								
L0006401	0	0.15032E-04	483229.9	3733670.1	436.0	0.00	6.51	2.33
YES HRDOW								
L0006402	0	0.15032E-04	483243.9	3733670.1	436.0	0.00	6.51	2.33
YES HRDOW								
L0006403	0	0.15032E-04	483257.9	3733670.0	436.0	0.00	6.51	2.33
YES HRDOW								
L0006404	0	0.15032E-04	483271.9	3733669.9	436.0	0.00	6.51	2.33
YES HRDOW								
L0006405	0	0.15032E-04	483285.9	3733669.8	436.0	0.00	6.51	2.33
YES HRDOW								
L0006406	0	0.15032E-04	483299.9	3733669.8	436.0	0.00	6.51	2.33
YES HRDOW								
L0006407	0	0.15032E-04	483313.9	3733669.7	436.0	0.00	6.51	2.33

YES	HRDOW								
L0006408		0	0.15032E-04	483327.9	3733669.6	436.0	0.00	6.51	2.33
YES	HRDOW								
L0006409		0	0.15032E-04	483341.9	3733669.5	436.0	0.00	6.51	2.33
YES	HRDOW								
L0006410		0	0.15032E-04	483355.9	3733669.4	436.0	0.00	6.51	2.33
YES	HRDOW								
L0006411		0	0.15032E-04	483369.9	3733669.4	436.0	0.00	6.51	2.33
YES	HRDOW								
L0006412		0	0.15032E-04	483383.9	3733669.3	436.5	0.00	6.51	2.33
YES	HRDOW								
L0006413		0	0.15032E-04	483397.9	3733669.2	436.9	0.00	6.51	2.33
YES	HRDOW								
L0006414		0	0.15032E-04	483411.9	3733669.1	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006415		0	0.15032E-04	483425.9	3733669.1	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006416		0	0.15032E-04	483439.9	3733669.0	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006417		0	0.15032E-04	483453.9	3733668.9	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006418		0	0.15032E-04	483467.9	3733668.8	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006419		0	0.15032E-04	483481.9	3733668.7	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006420		0	0.15032E-04	483495.9	3733668.7	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006421		0	0.15032E-04	483509.9	3733668.6	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006422		0	0.15032E-04	483523.9	3733668.5	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006423		0	0.15032E-04	483537.9	3733668.4	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006424		0	0.15032E-04	483551.9	3733668.4	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006425		0	0.15032E-04	483565.9	3733668.3	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006426		0	0.15032E-04	483579.9	3733668.2	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006427		0	0.15032E-04	483593.9	3733668.1	437.0	0.00	6.51	2.33
YES	HRDOW								
L0006428		0	0.15032E-04	483607.9	3733668.0	437.1	0.00	6.51	2.33
YES	HRDOW								
L0006429		0	0.15032E-04	483621.9	3733668.0	437.4	0.00	6.51	2.33
YES	HRDOW								

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op ***                01/12/22
*** AERMET - VERSION 16216 ***
***                                     ***                14:46:58

```

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						
L0006430	0	0.15032E-04	483635.9	3733667.9	437.9	0.00	6.51	2.33

YES	HRDOW								
L0006431		0	0.15032E-04	483649.9	3733667.8	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006432		0	0.15032E-04	483663.9	3733667.7	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006433		0	0.15032E-04	483677.9	3733667.7	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006434		0	0.15032E-04	483691.9	3733667.6	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006435		0	0.15032E-04	483705.9	3733667.5	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006436		0	0.15032E-04	483719.9	3733667.4	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006437		0	0.15032E-04	483733.9	3733667.3	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006438		0	0.15032E-04	483747.9	3733667.3	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006439		0	0.15032E-04	483761.9	3733667.2	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006440		0	0.15032E-04	483775.9	3733667.1	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006441		0	0.15032E-04	483789.9	3733667.0	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006442		0	0.15032E-04	483803.9	3733667.0	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006443		0	0.15032E-04	483817.9	3733666.9	438.0	0.00	6.51	2.33
YES	HRDOW								
L0006444		0	0.15032E-04	483831.9	3733666.8	438.4	0.00	6.51	2.33
YES	HRDOW								
L0006445		0	0.15032E-04	483845.9	3733666.7	438.9	0.00	6.51	2.33
YES	HRDOW								
L0006446		0	0.15032E-04	483859.9	3733666.7	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006447		0	0.15032E-04	483873.9	3733666.6	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006448		0	0.15032E-04	483887.9	3733666.5	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006449		0	0.15032E-04	483901.9	3733666.4	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006450		0	0.15032E-04	483915.9	3733666.3	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006451		0	0.15032E-04	483929.9	3733666.3	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006452		0	0.15032E-04	483943.9	3733666.2	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006453		0	0.15032E-04	483957.9	3733666.1	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006454		0	0.15032E-04	483971.9	3733666.0	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006455		0	0.15032E-04	483985.9	3733666.0	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006456		0	0.15032E-04	483999.9	3733665.9	439.0	0.00	6.51	2.33
YES	HRDOW								
L0006457		0	0.15032E-04	484013.9	3733665.8	439.5	0.00	6.51	2.33
YES	HRDOW								
L0006458		0	0.15032E-04	484027.9	3733665.7	439.9	0.00	6.51	2.33
YES	HRDOW								
L0006459		0	0.15032E-04	484041.9	3733665.6	440.0	0.00	6.51	2.33
YES	HRDOW								
L0006460		0	0.15032E-04	484055.9	3733665.6	440.0	0.00	6.51	2.33
YES	HRDOW								
L0006461		0	0.15032E-04	484069.9	3733665.5	440.0	0.00	6.51	2.33
YES	HRDOW								
L0006462		0	0.15032E-04	484083.9	3733665.4	440.0	0.00	6.51	2.33
YES	HRDOW								
L0005277		0	0.16870E-07	482571.9	3733673.8	434.0	3.49	6.51	3.25

YES	HRDOW	L0005278	0	0.16870E-07	482585.9	3733673.7	434.0	3.49	6.51	3.25
YES	HRDOW	L0005279	0	0.16870E-07	482599.9	3733673.6	434.0	3.49	6.51	3.25
YES	HRDOW	L0005280	0	0.16870E-07	482613.9	3733673.6	434.0	3.49	6.51	3.25
YES	HRDOW	L0005281	0	0.16870E-07	482627.9	3733673.5	434.0	3.49	6.51	3.25
YES	HRDOW	L0005282	0	0.16870E-07	482641.9	3733673.4	434.0	3.49	6.51	3.25
YES	HRDOW	L0005283	0	0.16870E-07	482655.9	3733673.3	434.0	3.49	6.51	3.25

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 18

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION		X	Y	HEIGHT	SY	SZ
ID	SCALAR	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						
L0005284	0	0.16870E-07	482669.9	3733673.3	434.0	3.49	6.51	3.25
YES HRDOW								
L0005285	0	0.16870E-07	482683.9	3733673.2	434.0	3.49	6.51	3.25
YES HRDOW								
L0005286	0	0.16870E-07	482697.9	3733673.1	434.0	3.49	6.51	3.25
YES HRDOW								
L0005287	0	0.16870E-07	482711.9	3733673.0	434.0	3.49	6.51	3.25
YES HRDOW								
L0005288	0	0.16870E-07	482725.9	3733672.9	434.0	3.49	6.51	3.25
YES HRDOW								
L0005289	0	0.16870E-07	482739.9	3733672.9	434.0	3.49	6.51	3.25
YES HRDOW								
L0005290	0	0.16870E-07	482753.9	3733672.8	434.1	3.49	6.51	3.25
YES HRDOW								
L0005291	0	0.16870E-07	482767.9	3733672.7	434.2	3.49	6.51	3.25
YES HRDOW								
L0005292	0	0.16870E-07	482781.9	3733672.6	434.5	3.49	6.51	3.25
YES HRDOW								
L0005293	0	0.16870E-07	482795.9	3733672.6	434.9	3.49	6.51	3.25
YES HRDOW								
L0005294	0	0.16870E-07	482809.9	3733672.5	435.0	3.49	6.51	3.25
YES HRDOW								
L0005295	0	0.16870E-07	482823.9	3733672.4	435.0	3.49	6.51	3.25
YES HRDOW								
L0005296	0	0.16870E-07	482837.9	3733672.3	435.0	3.49	6.51	3.25
YES HRDOW								
L0005297	0	0.16870E-07	482851.9	3733672.2	435.0	3.49	6.51	3.25
YES HRDOW								
L0005298	0	0.16870E-07	482865.9	3733672.2	435.0	3.49	6.51	3.25
YES HRDOW								
L0005299	0	0.16870E-07	482879.9	3733672.1	435.0	3.49	6.51	3.25
YES HRDOW								
L0005300	0	0.16870E-07	482893.9	3733672.0	435.0	3.49	6.51	3.25

YES	HRDOW								
L0005301		0	0.16870E-07	482907.9	3733671.9	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005302		0	0.16870E-07	482921.9	3733671.9	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005303		0	0.16870E-07	482935.9	3733671.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005304		0	0.16870E-07	482949.9	3733671.7	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005305		0	0.16870E-07	482963.9	3733671.6	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005306		0	0.16870E-07	482977.9	3733671.5	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005307		0	0.16870E-07	482991.9	3733671.5	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005308		0	0.16870E-07	483005.9	3733671.4	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005309		0	0.16870E-07	483019.9	3733671.3	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005310		0	0.16870E-07	483033.9	3733671.2	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005311		0	0.16870E-07	483047.9	3733671.2	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005312		0	0.16870E-07	483061.9	3733671.1	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005313		0	0.16870E-07	483075.9	3733671.0	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005314		0	0.16870E-07	483089.9	3733670.9	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005315		0	0.16870E-07	483103.9	3733670.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005316		0	0.16870E-07	483117.9	3733670.8	435.0	3.49	6.51	3.25
YES	HRDOW								
L0005317		0	0.16870E-07	483131.9	3733670.7	435.1	3.49	6.51	3.25
YES	HRDOW								
L0005318		0	0.16870E-07	483145.9	3733670.6	435.5	3.49	6.51	3.25
YES	HRDOW								
L0005319		0	0.16870E-07	483159.9	3733670.5	436.0	3.49	6.51	3.25
YES	HRDOW								
L0005320		0	0.16870E-07	483173.9	3733670.5	436.0	3.49	6.51	3.25
YES	HRDOW								
L0005321		0	0.16870E-07	483187.9	3733670.4	436.0	3.49	6.51	3.25
YES	HRDOW								
L0005322		0	0.16870E-07	483201.9	3733670.3	436.0	3.49	6.51	3.25
YES	HRDOW								
L0005323		0	0.16870E-07	483215.9	3733670.2	436.0	3.49	6.51	3.25
YES	HRDOW								

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op ***                01/12/22
*** AERMET - VERSION 16216 ***
***                                     ***                14:46:58

```

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						

L0005324	0	0.16870E-07	483229.9	3733670.1	436.0	3.49	6.51	3.25
YES HRDOW								
L0005325	0	0.16870E-07	483243.9	3733670.1	436.0	3.49	6.51	3.25
YES HRDOW								
L0005326	0	0.16870E-07	483257.9	3733670.0	436.0	3.49	6.51	3.25
YES HRDOW								
L0005327	0	0.16870E-07	483271.9	3733669.9	436.0	3.49	6.51	3.25
YES HRDOW								
L0005328	0	0.16870E-07	483285.9	3733669.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0005329	0	0.16870E-07	483299.9	3733669.8	436.0	3.49	6.51	3.25
YES HRDOW								
L0005330	0	0.16870E-07	483313.9	3733669.7	436.0	3.49	6.51	3.25
YES HRDOW								
L0005331	0	0.16870E-07	483327.9	3733669.6	436.0	3.49	6.51	3.25
YES HRDOW								
L0005332	0	0.16870E-07	483341.9	3733669.5	436.0	3.49	6.51	3.25
YES HRDOW								
L0005333	0	0.16870E-07	483355.9	3733669.4	436.0	3.49	6.51	3.25
YES HRDOW								
L0005334	0	0.16870E-07	483369.9	3733669.4	436.0	3.49	6.51	3.25
YES HRDOW								
L0005335	0	0.16870E-07	483383.9	3733669.3	436.5	3.49	6.51	3.25
YES HRDOW								
L0005336	0	0.16870E-07	483397.9	3733669.2	436.9	3.49	6.51	3.25
YES HRDOW								
L0005337	0	0.16870E-07	483411.9	3733669.1	437.0	3.49	6.51	3.25
YES HRDOW								
L0005338	0	0.16870E-07	483425.9	3733669.1	437.0	3.49	6.51	3.25
YES HRDOW								
L0005339	0	0.16870E-07	483439.9	3733669.0	437.0	3.49	6.51	3.25
YES HRDOW								
L0005340	0	0.16870E-07	483453.9	3733668.9	437.0	3.49	6.51	3.25
YES HRDOW								
L0005341	0	0.16870E-07	483467.9	3733668.8	437.0	3.49	6.51	3.25
YES HRDOW								
L0005342	0	0.16870E-07	483481.9	3733668.7	437.0	3.49	6.51	3.25
YES HRDOW								
L0005343	0	0.16870E-07	483495.9	3733668.7	437.0	3.49	6.51	3.25
YES HRDOW								
L0005344	0	0.16870E-07	483509.9	3733668.6	437.0	3.49	6.51	3.25
YES HRDOW								
L0005345	0	0.16870E-07	483523.9	3733668.5	437.0	3.49	6.51	3.25
YES HRDOW								
L0005346	0	0.16870E-07	483537.9	3733668.4	437.0	3.49	6.51	3.25
YES HRDOW								
L0005347	0	0.16870E-07	483551.9	3733668.4	437.0	3.49	6.51	3.25
YES HRDOW								
L0005348	0	0.16870E-07	483565.9	3733668.3	437.0	3.49	6.51	3.25
YES HRDOW								
L0005349	0	0.16870E-07	483579.9	3733668.2	437.0	3.49	6.51	3.25
YES HRDOW								
L0005350	0	0.16870E-07	483593.9	3733668.1	437.0	3.49	6.51	3.25
YES HRDOW								
L0005351	0	0.16870E-07	483607.9	3733668.0	437.1	3.49	6.51	3.25
YES HRDOW								
L0005352	0	0.16870E-07	483621.9	3733668.0	437.4	3.49	6.51	3.25
YES HRDOW								
L0005353	0	0.16870E-07	483635.9	3733667.9	437.9	3.49	6.51	3.25
YES HRDOW								
L0005354	0	0.16870E-07	483649.9	3733667.8	438.0	3.49	6.51	3.25
YES HRDOW								
L0005355	0	0.16870E-07	483663.9	3733667.7	438.0	3.49	6.51	3.25
YES HRDOW								
L0005356	0	0.16870E-07	483677.9	3733667.7	438.0	3.49	6.51	3.25

YES	HRDOW	L0005357	0	0.16870E-07	483691.9	3733667.6	438.0	3.49	6.51	3.25
YES	HRDOW	L0005358	0	0.16870E-07	483705.9	3733667.5	438.0	3.49	6.51	3.25
YES	HRDOW	L0005359	0	0.16870E-07	483719.9	3733667.4	438.0	3.49	6.51	3.25
YES	HRDOW	L0005360	0	0.16870E-07	483733.9	3733667.3	438.0	3.49	6.51	3.25
YES	HRDOW	L0005361	0	0.16870E-07	483747.9	3733667.3	438.0	3.49	6.51	3.25
YES	HRDOW	L0005362	0	0.16870E-07	483761.9	3733667.2	438.0	3.49	6.51	3.25
YES	HRDOW	L0005363	0	0.16870E-07	483775.9	3733667.1	438.0	3.49	6.51	3.25

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 20

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	VARY						
	CATS.	BY						
L0005364	0	0.16870E-07	483789.9	3733667.0	438.0	3.49	6.51	3.25
YES HRDOW								
L0005365	0	0.16870E-07	483803.9	3733667.0	438.0	3.49	6.51	3.25
YES HRDOW								
L0005366	0	0.16870E-07	483817.9	3733666.9	438.0	3.49	6.51	3.25
YES HRDOW								
L0005367	0	0.16870E-07	483831.9	3733666.8	438.4	3.49	6.51	3.25
YES HRDOW								
L0005368	0	0.16870E-07	483845.9	3733666.7	438.9	3.49	6.51	3.25
YES HRDOW								
L0005369	0	0.16870E-07	483859.9	3733666.7	439.0	3.49	6.51	3.25
YES HRDOW								
L0005370	0	0.16870E-07	483873.9	3733666.6	439.0	3.49	6.51	3.25
YES HRDOW								
L0005371	0	0.16870E-07	483887.9	3733666.5	439.0	3.49	6.51	3.25
YES HRDOW								
L0005372	0	0.16870E-07	483901.9	3733666.4	439.0	3.49	6.51	3.25
YES HRDOW								
L0005373	0	0.16870E-07	483915.9	3733666.3	439.0	3.49	6.51	3.25
YES HRDOW								
L0005374	0	0.16870E-07	483929.9	3733666.3	439.0	3.49	6.51	3.25
YES HRDOW								
L0005375	0	0.16870E-07	483943.9	3733666.2	439.0	3.49	6.51	3.25
YES HRDOW								
L0005376	0	0.16870E-07	483957.9	3733666.1	439.0	3.49	6.51	3.25
YES HRDOW								
L0005377	0	0.16870E-07	483971.9	3733666.0	439.0	3.49	6.51	3.25
YES HRDOW								
L0005378	0	0.16870E-07	483985.9	3733666.0	439.0	3.49	6.51	3.25
YES HRDOW								
L0005379	0	0.16870E-07	483999.9	3733665.9	439.0	3.49	6.51	3.25

L0006481	0	0.17618E-04	482878.4	3733505.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006482	0	0.17618E-04	482878.5	3733497.3	435.0	0.00	4.00	2.33
YES HRDOW								
L0006483	0	0.17618E-04	482878.6	3733488.7	435.0	0.00	4.00	2.33
YES HRDOW								
L0006484	0	0.17618E-04	482878.7	3733480.1	435.0	0.00	4.00	2.33
YES HRDOW								
L0006485	0	0.17618E-04	482878.8	3733471.5	435.0	0.00	4.00	2.33
YES HRDOW								
L0006486	0	0.17618E-04	482878.8	3733462.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006487	0	0.17618E-04	482878.9	3733454.4	435.0	0.00	4.00	2.33
YES HRDOW								
L0006488	0	0.17618E-04	482879.0	3733445.8	435.0	0.00	4.00	2.33
YES HRDOW								
L0006489	0	0.17618E-04	482879.1	3733437.2	435.0	0.00	4.00	2.33
YES HRDOW								
L0006490	0	0.17618E-04	482879.2	3733428.6	435.0	0.00	4.00	2.33
YES HRDOW								
L0006491	0	0.17618E-04	482879.2	3733420.0	435.0	0.00	4.00	2.33
YES HRDOW								
L0006492	0	0.17618E-04	482879.3	3733411.4	435.0	0.00	4.00	2.33
YES HRDOW								
L0006493	0	0.17618E-04	482879.4	3733402.8	435.0	0.00	4.00	2.33
YES HRDOW								
L0006494	0	0.17618E-04	482879.5	3733394.2	435.0	0.00	4.00	2.33
YES HRDOW								
L0006495	0	0.17618E-04	482879.6	3733385.6	435.0	0.00	4.00	2.33
YES HRDOW								
L0006496	0	0.17618E-04	482879.6	3733377.1	435.0	0.00	4.00	2.33
YES HRDOW								
L0006497	0	0.17618E-04	482879.7	3733368.5	435.0	0.00	4.00	2.33
YES HRDOW								
L0006498	0	0.17618E-04	482879.8	3733359.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006499	0	0.17618E-04	482879.9	3733351.3	435.0	0.00	4.00	2.33
YES HRDOW								
L0006500	0	0.17618E-04	482880.0	3733342.7	435.0	0.00	4.00	2.33
YES HRDOW								
L0006501	0	0.17618E-04	482880.0	3733334.1	435.0	0.00	4.00	2.33
YES HRDOW								
L0006502	0	0.17618E-04	482880.1	3733325.5	435.0	0.00	4.00	2.33
YES HRDOW								
L0006503	0	0.17618E-04	482880.2	3733316.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006504	0	0.17618E-04	482880.3	3733308.3	435.0	0.00	4.00	2.33
YES HRDOW								
L0006505	0	0.17618E-04	482880.4	3733299.7	435.0	0.00	4.00	2.33
YES HRDOW								
L0006506	0	0.17618E-04	482880.4	3733291.2	435.0	0.00	4.00	2.33
YES HRDOW								
L0006507	0	0.17618E-04	482880.5	3733282.6	435.0	0.00	4.00	2.33
YES HRDOW								
L0006508	0	0.17618E-04	482880.6	3733274.0	435.0	0.00	4.00	2.33
YES HRDOW								
L0006509	0	0.17618E-04	482880.7	3733265.4	435.0	0.00	4.00	2.33
YES HRDOW								
L0006510	0	0.17618E-04	482880.8	3733256.8	435.0	0.00	4.00	2.33
YES HRDOW								
L0006511	0	0.17618E-04	482880.8	3733248.2	435.0	0.00	4.00	2.33
YES HRDOW								
L0006512	0	0.17618E-04	482880.9	3733239.6	435.0	0.00	4.00	2.33

```

YES HRDOW
L0006513      0    0.17618E-04  482881.0 3733231.0  435.0    0.00    4.00    2.33
YES HRDOW
L0006514      0    0.17618E-04  482881.1 3733222.4  435.0    0.00    4.00    2.33
YES HRDOW
L0006515      0    0.17618E-04  482881.2 3733213.8  435.0    0.00    4.00    2.33
YES HRDOW
L0006516      0    0.17618E-04  482881.2 3733205.3  435.0    0.00    4.00    2.33
YES HRDOW
L0006517      0    0.17618E-04  482881.3 3733196.7  435.0    0.00    4.00    2.33
YES HRDOW
L0006518      0    0.17618E-04  482881.4 3733188.1  435.0    0.00    4.00    2.33
YES HRDOW
L0006519      0    0.17618E-04  482881.5 3733179.5  435.0    0.00    4.00    2.33
YES HRDOW
L0006520      0    0.17618E-04  482881.6 3733170.9  435.0    0.00    4.00    2.33
YES HRDOW

```

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op ***              01/12/22

```

```

*** AERMET - VERSION 16216 ***
***

```

```

***                               14:46:58

```

PAGE 22

```

*** MODELOPTs:  RegDFAULT CONC  ELEV  URBAN  ADJ_U*

```

*** VOLUME SOURCE DATA ***

SOURCE SOURCE ID (METERS)	SCALAR VARY CATS.	NUMBER	EMISSION RATE	X	Y	BASE	RELEASE	INIT.	INIT.
		URBAN	(GRAMS/SEC)			ELEV.	HEIGHT	SY	SZ
L0006521	0		0.17618E-04	482881.6	3733162.3	435.0	0.00	4.00	2.33
YES HRDOW									
L0006522	0		0.17618E-04	482881.7	3733153.7	435.0	0.00	4.00	2.33
YES HRDOW									
L0006523	0		0.17618E-04	482881.8	3733145.1	435.0	0.00	4.00	2.33
YES HRDOW									
L0006524	0		0.17618E-04	482881.9	3733136.5	435.0	0.00	4.00	2.33
YES HRDOW									
L0006525	0		0.17618E-04	482882.0	3733128.0	435.0	0.00	4.00	2.33
YES HRDOW									
L0006526	0		0.17618E-04	482882.0	3733119.4	435.0	0.00	4.00	2.33
YES HRDOW									
L0006527	0		0.17618E-04	482882.1	3733110.8	435.0	0.00	4.00	2.33
YES HRDOW									
L0006528	0		0.17618E-04	482882.2	3733102.2	435.0	0.00	4.00	2.33
YES HRDOW									
L0006529	0		0.17618E-04	482882.3	3733093.6	435.0	0.00	4.00	2.33
YES HRDOW									
L0006530	0		0.17618E-04	482882.3	3733085.0	435.0	0.00	4.00	2.33
YES HRDOW									
L0006531	0		0.17618E-04	482882.4	3733076.4	435.0	0.00	4.00	2.33
YES HRDOW									
L0006532	0		0.17618E-04	482882.5	3733067.8	435.0	0.00	4.00	2.33
YES HRDOW									
L0006533	0		0.17618E-04	482882.6	3733059.2	435.0	0.00	4.00	2.33
YES HRDOW									
L0006534	0		0.17618E-04	482882.7	3733050.6	435.0	0.00	4.00	2.33
YES HRDOW									
L0006535	0		0.17618E-04	482882.7	3733042.1	435.0	0.00	4.00	2.33

YES HRDOW	L0006536	0	0.17618E-04	482882.8	3733033.5	435.0	0.00	4.00	2.33
YES HRDOW	L0006537	0	0.17618E-04	482882.9	3733024.9	435.0	0.00	4.00	2.33
YES HRDOW	L0006538	0	0.17618E-04	482883.0	3733016.3	435.0	0.00	4.00	2.33
YES HRDOW	L0006539	0	0.17618E-04	482883.1	3733007.7	435.0	0.00	4.00	2.33
YES HRDOW	L0006540	0	0.17618E-04	482883.1	3732999.1	435.0	0.00	4.00	2.33
YES HRDOW	L0006541	0	0.17618E-04	482883.2	3732990.5	435.0	0.00	4.00	2.33
YES HRDOW	L0006542	0	0.17618E-04	482883.3	3732981.9	435.0	0.00	4.00	2.33
YES HRDOW	L0006543	0	0.17618E-04	482883.4	3732973.3	435.0	0.00	4.00	2.33
YES HRDOW	L0006544	0	0.17618E-04	482883.5	3732964.8	435.0	0.00	4.00	2.33
YES HRDOW	L0006545	0	0.17618E-04	482883.5	3732956.2	435.0	0.00	4.00	2.33
YES HRDOW	L0006546	0	0.17618E-04	482883.6	3732947.6	435.0	0.00	4.00	2.33
YES HRDOW	L0006547	0	0.17618E-04	482883.7	3732939.0	435.0	0.00	4.00	2.33
YES HRDOW	L0006548	0	0.17618E-04	482883.8	3732930.4	435.0	0.00	4.00	2.33
YES HRDOW	L0006549	0	0.17618E-04	482883.9	3732921.8	435.0	0.00	4.00	2.33
YES HRDOW	L0006550	0	0.17618E-04	482883.9	3732913.2	435.0	0.00	4.00	2.33
YES HRDOW	L0006551	0	0.17618E-04	482884.0	3732904.6	435.0	0.00	4.00	2.33
YES HRDOW	L0006552	0	0.17618E-04	482884.1	3732896.0	435.0	0.00	4.00	2.33
YES HRDOW	L0006553	0	0.17618E-04	482884.2	3732887.4	435.0	0.00	4.00	2.33
YES HRDOW	L0006554	0	0.17618E-04	482884.3	3732878.9	435.0	0.00	4.00	2.33
YES HRDOW	L0006555	0	0.17618E-04	482884.3	3732870.3	435.0	0.00	4.00	2.33
YES HRDOW	L0006556	0	0.19770E-07	482877.0	3733660.5	435.0	3.49	4.00	3.25
YES HRDOW	L0006557	0	0.19770E-07	482877.1	3733651.9	435.0	3.49	4.00	3.25
YES HRDOW	L0006558	0	0.19770E-07	482877.2	3733643.3	435.0	3.49	4.00	3.25
YES HRDOW	L0006559	0	0.19770E-07	482877.2	3733634.7	435.0	3.49	4.00	3.25
YES HRDOW	L0006560	0	0.19770E-07	482877.3	3733626.2	435.0	3.49	4.00	3.25

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 23

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE SCALAR VARY								

ID (METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0006561	0	0.19770E-07	482877.4	3733617.6	435.0	3.49	4.00	3.25
YES HRDOW								
L0006562	0	0.19770E-07	482877.5	3733609.0	435.0	3.49	4.00	3.25
YES HRDOW								
L0006563	0	0.19770E-07	482877.6	3733600.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006564	0	0.19770E-07	482877.6	3733591.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006565	0	0.19770E-07	482877.7	3733583.2	435.0	3.49	4.00	3.25
YES HRDOW								
L0006566	0	0.19770E-07	482877.8	3733574.6	435.0	3.49	4.00	3.25
YES HRDOW								
L0006567	0	0.19770E-07	482877.9	3733566.0	435.0	3.49	4.00	3.25
YES HRDOW								
L0006568	0	0.19770E-07	482878.0	3733557.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006569	0	0.19770E-07	482878.0	3733548.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006570	0	0.19770E-07	482878.1	3733540.3	435.0	3.49	4.00	3.25
YES HRDOW								
L0006571	0	0.19770E-07	482878.2	3733531.7	435.0	3.49	4.00	3.25
YES HRDOW								
L0006572	0	0.19770E-07	482878.3	3733523.1	435.0	3.49	4.00	3.25
YES HRDOW								
L0006573	0	0.19770E-07	482878.4	3733514.5	435.0	3.49	4.00	3.25
YES HRDOW								
L0006574	0	0.19770E-07	482878.4	3733505.9	435.0	3.49	4.00	3.25
YES HRDOW								
L0006575	0	0.19770E-07	482878.5	3733497.3	435.0	3.49	4.00	3.25
YES HRDOW								
L0006576	0	0.19770E-07	482878.6	3733488.7	435.0	3.49	4.00	3.25
YES HRDOW								
L0006577	0	0.19770E-07	482878.7	3733480.1	435.0	3.49	4.00	3.25
YES HRDOW								
L0006578	0	0.19770E-07	482878.8	3733471.5	435.0	3.49	4.00	3.25
YES HRDOW								
L0006579	0	0.19770E-07	482878.8	3733462.9	435.0	3.49	4.00	3.25
YES HRDOW								
L0006580	0	0.19770E-07	482878.9	3733454.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006581	0	0.19770E-07	482879.0	3733445.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006582	0	0.19770E-07	482879.1	3733437.2	435.0	3.49	4.00	3.25
YES HRDOW								
L0006583	0	0.19770E-07	482879.2	3733428.6	435.0	3.49	4.00	3.25
YES HRDOW								
L0006584	0	0.19770E-07	482879.2	3733420.0	435.0	3.49	4.00	3.25
YES HRDOW								
L0006585	0	0.19770E-07	482879.3	3733411.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006586	0	0.19770E-07	482879.4	3733402.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006587	0	0.19770E-07	482879.5	3733394.2	435.0	3.49	4.00	3.25
YES HRDOW								
L0006588	0	0.19770E-07	482879.6	3733385.6	435.0	3.49	4.00	3.25
YES HRDOW								
L0006589	0	0.19770E-07	482879.6	3733377.1	435.0	3.49	4.00	3.25
YES HRDOW								
L0006590	0	0.19770E-07	482879.7	3733368.5	435.0	3.49	4.00	3.25
YES HRDOW								
L0006591	0	0.19770E-07	482879.8	3733359.9	435.0	3.49	4.00	3.25

YES HRDOW
 L0006592 0 0.19770E-07 482879.9 3733351.3 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006593 0 0.19770E-07 482880.0 3733342.7 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006594 0 0.19770E-07 482880.0 3733334.1 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006595 0 0.19770E-07 482880.1 3733325.5 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006596 0 0.19770E-07 482880.2 3733316.9 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006597 0 0.19770E-07 482880.3 3733308.3 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006598 0 0.19770E-07 482880.4 3733299.7 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006599 0 0.19770E-07 482880.4 3733291.2 435.0 3.49 4.00 3.25
 YES HRDOW
 L0006600 0 0.19770E-07 482880.5 3733282.6 435.0 3.49 4.00 3.25
 YES HRDOW

FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 24

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	CATS.	BY					
L0006601	0	0.19770E-07	482880.6	3733274.0	435.0	3.49	4.00	3.25
YES HRDOW								
L0006602	0	0.19770E-07	482880.7	3733265.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006603	0	0.19770E-07	482880.8	3733256.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006604	0	0.19770E-07	482880.8	3733248.2	435.0	3.49	4.00	3.25
YES HRDOW								
L0006605	0	0.19770E-07	482880.9	3733239.6	435.0	3.49	4.00	3.25
YES HRDOW								
L0006606	0	0.19770E-07	482881.0	3733231.0	435.0	3.49	4.00	3.25
YES HRDOW								
L0006607	0	0.19770E-07	482881.1	3733222.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006608	0	0.19770E-07	482881.2	3733213.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006609	0	0.19770E-07	482881.2	3733205.3	435.0	3.49	4.00	3.25
YES HRDOW								
L0006610	0	0.19770E-07	482881.3	3733196.7	435.0	3.49	4.00	3.25
YES HRDOW								
L0006611	0	0.19770E-07	482881.4	3733188.1	435.0	3.49	4.00	3.25
YES HRDOW								
L0006612	0	0.19770E-07	482881.5	3733179.5	435.0	3.49	4.00	3.25
YES HRDOW								
L0006613	0	0.19770E-07	482881.6	3733170.9	435.0	3.49	4.00	3.25
YES HRDOW								
L0006614	0	0.19770E-07	482881.6	3733162.3	435.0	3.49	4.00	3.25

YES	HRDOW								
L0006615		0	0.19770E-07	482881.7	3733153.7	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006616		0	0.19770E-07	482881.8	3733145.1	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006617		0	0.19770E-07	482881.9	3733136.5	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006618		0	0.19770E-07	482882.0	3733128.0	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006619		0	0.19770E-07	482882.0	3733119.4	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006620		0	0.19770E-07	482882.1	3733110.8	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006621		0	0.19770E-07	482882.2	3733102.2	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006622		0	0.19770E-07	482882.3	3733093.6	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006623		0	0.19770E-07	482882.3	3733085.0	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006624		0	0.19770E-07	482882.4	3733076.4	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006625		0	0.19770E-07	482882.5	3733067.8	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006626		0	0.19770E-07	482882.6	3733059.2	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006627		0	0.19770E-07	482882.7	3733050.6	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006628		0	0.19770E-07	482882.7	3733042.1	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006629		0	0.19770E-07	482882.8	3733033.5	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006630		0	0.19770E-07	482882.9	3733024.9	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006631		0	0.19770E-07	482883.0	3733016.3	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006632		0	0.19770E-07	482883.1	3733007.7	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006633		0	0.19770E-07	482883.1	3732999.1	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006634		0	0.19770E-07	482883.2	3732990.5	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006635		0	0.19770E-07	482883.3	3732981.9	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006636		0	0.19770E-07	482883.4	3732973.3	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006637		0	0.19770E-07	482883.5	3732964.8	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006638		0	0.19770E-07	482883.5	3732956.2	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006639		0	0.19770E-07	482883.6	3732947.6	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006640		0	0.19770E-07	482883.7	3732939.0	435.0	3.49	4.00	3.25

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
URBAN	EMISSION RATE				

SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
ID	CATS.	BY						
(METERS)								
L0006641	0	0.19770E-07	482883.8	3732930.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006642	0	0.19770E-07	482883.9	3732921.8	435.0	3.49	4.00	3.25
YES HRDOW								
L0006643	0	0.19770E-07	482883.9	3732913.2	435.0	3.49	4.00	3.25
YES HRDOW								
L0006644	0	0.19770E-07	482884.0	3732904.6	435.0	3.49	4.00	3.25
YES HRDOW								
L0006645	0	0.19770E-07	482884.1	3732896.0	435.0	3.49	4.00	3.25
YES HRDOW								
L0006646	0	0.19770E-07	482884.2	3732887.4	435.0	3.49	4.00	3.25
YES HRDOW								
L0006647	0	0.19770E-07	482884.3	3732878.9	435.0	3.49	4.00	3.25
YES HRDOW								
L0006648	0	0.19770E-07	482884.3	3732870.3	435.0	3.49	4.00	3.25
YES HRDOW								
L0006649	0	0.15171E-04	482896.9	3732881.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006650	0	0.15171E-04	482905.5	3732881.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006651	0	0.15171E-04	482914.1	3732881.8	435.0	0.00	4.00	2.33
YES HRDOW								
L0006652	0	0.15171E-04	482922.7	3732881.7	435.0	0.00	4.00	2.33
YES HRDOW								
L0006653	0	0.15171E-04	482931.3	3732881.6	435.0	0.00	4.00	2.33
YES HRDOW								
L0006654	0	0.15171E-04	482939.9	3732881.6	435.0	0.00	4.00	2.33
YES HRDOW								
L0006655	0	0.15171E-04	482948.5	3732881.5	435.0	0.00	4.00	2.33
YES HRDOW								
L0006656	0	0.15171E-04	482957.1	3732881.4	435.0	0.00	4.00	2.33
YES HRDOW								
L0006657	0	0.15171E-04	482965.7	3732881.3	435.0	0.00	4.00	2.33
YES HRDOW								
L0006658	0	0.15171E-04	482974.3	3732881.2	435.0	0.00	4.00	2.33
YES HRDOW								
L0006659	0	0.15171E-04	482982.8	3732881.2	435.0	0.00	4.00	2.33
YES HRDOW								
L0006660	0	0.15171E-04	482991.4	3732881.1	435.0	0.00	4.00	2.33
YES HRDOW								
L0006661	0	0.15171E-04	483000.0	3732881.0	435.0	0.00	4.00	2.33
YES HRDOW								
L0006662	0	0.15171E-04	483008.6	3732880.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006663	0	0.15171E-04	483017.2	3732880.9	435.0	0.00	4.00	2.33
YES HRDOW								
L0006664	0	0.15171E-04	483025.8	3732880.8	435.0	0.00	4.00	2.33
YES HRDOW								
L0006665	0	0.15171E-04	483034.4	3732880.7	435.0	0.00	4.00	2.33
YES HRDOW								
L0006666	0	0.15171E-04	483043.0	3732880.6	435.1	0.00	4.00	2.33
YES HRDOW								
L0006667	0	0.15171E-04	483051.6	3732880.6	435.4	0.00	4.00	2.33
YES HRDOW								
L0006668	0	0.15171E-04	483060.1	3732880.5	435.7	0.00	4.00	2.33
YES HRDOW								
L0006669	0	0.15171E-04	483068.7	3732880.4	436.0	0.00	4.00	2.33
YES HRDOW								
L0006670	0	0.15171E-04	483077.3	3732880.3	436.0	0.00	4.00	2.33

```

YES HRDOW
L0006671 0 0.15171E-04 483085.9 3732880.3 436.0 0.00 4.00 2.33
YES HRDOW
L0006672 0 0.15171E-04 483094.5 3732880.2 436.0 0.00 4.00 2.33
YES HRDOW
L0006673 0 0.15171E-04 483103.1 3732880.1 436.0 0.00 4.00 2.33
YES HRDOW
L0006674 0 0.15171E-04 483111.7 3732880.0 436.0 0.00 4.00 2.33
YES HRDOW
L0006675 0 0.15171E-04 483120.3 3732880.0 436.0 0.00 4.00 2.33
YES HRDOW
L0006676 0 0.15171E-04 483128.9 3732879.9 436.0 0.00 4.00 2.33
YES HRDOW
L0006677 0 0.15171E-04 483137.5 3732879.8 436.0 0.00 4.00 2.33
YES HRDOW
L0006678 0 0.15171E-04 483146.0 3732879.7 436.0 0.00 4.00 2.33
YES HRDOW
L0006679 0 0.15171E-04 483154.6 3732879.6 436.0 0.00 4.00 2.33
YES HRDOW
L0006680 0 0.15171E-04 483163.2 3732879.6 436.0 0.00 4.00 2.33
YES HRDOW

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 26

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							
L0006681	0	0.15171E-04	483171.8	3732879.5	436.0	0.00	4.00	2.33
YES HRDOW								
L0006682	0	0.15171E-04	483180.4	3732879.4	436.0	0.00	4.00	2.33
YES HRDOW								
L0006683	0	0.15171E-04	483189.0	3732879.3	436.0	0.00	4.00	2.33
YES HRDOW								
L0006684	0	0.15171E-04	483197.6	3732879.3	436.0	0.00	4.00	2.33
YES HRDOW								
L0006685	0	0.15171E-04	483206.2	3732879.2	436.0	0.00	4.00	2.33
YES HRDOW								
L0006686	0	0.15171E-04	483214.8	3732879.1	436.0	0.00	4.00	2.33
YES HRDOW								
L0006687	0	0.15171E-04	483223.4	3732879.0	436.0	0.00	4.00	2.33
YES HRDOW								
L0006688	0	0.15171E-04	483231.9	3732879.0	436.0	0.00	4.00	2.33
YES HRDOW								
L0006689	0	0.15171E-04	483240.5	3732878.9	436.0	0.00	4.00	2.33
YES HRDOW								
L0006690	0	0.15171E-04	483249.1	3732878.8	436.0	0.00	4.00	2.33
YES HRDOW								
L0006691	0	0.15171E-04	483257.7	3732878.7	436.0	0.00	4.00	2.33
YES HRDOW								
L0006692	0	0.15171E-04	483266.3	3732878.7	436.0	0.00	4.00	2.33
YES HRDOW								
L0006693	0	0.15171E-04	483274.9	3732878.6	436.0	0.00	4.00	2.33

YES	HRDOW								
L0006694		0	0.15171E-04	483283.5	3732878.5	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006695		0	0.15171E-04	483292.1	3732878.4	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006696		0	0.15171E-04	483300.7	3732878.4	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006697		0	0.15171E-04	483309.2	3732878.3	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006698		0	0.15171E-04	483317.8	3732878.2	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006699		0	0.15171E-04	483326.4	3732878.1	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006700		0	0.15171E-04	483335.0	3732878.0	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006701		0	0.15171E-04	483343.6	3732878.0	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006702		0	0.15171E-04	483352.2	3732877.9	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006703		0	0.15171E-04	483360.8	3732877.8	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006704		0	0.15171E-04	483369.4	3732877.7	436.0	0.00	4.00	2.33
YES	HRDOW								
L0006705		0	0.15171E-04	483378.0	3732877.7	436.1	0.00	4.00	2.33
YES	HRDOW								
L0006706		0	0.15171E-04	483386.6	3732877.6	436.2	0.00	4.00	2.33
YES	HRDOW								
L0006707		0	0.15171E-04	483395.1	3732877.5	436.2	0.00	4.00	2.33
YES	HRDOW								
L0006708		0	0.15171E-04	483403.7	3732877.4	436.4	0.00	4.00	2.33
YES	HRDOW								
L0006709		0	0.15171E-04	483412.3	3732877.4	436.6	0.00	4.00	2.33
YES	HRDOW								
L0006710		0	0.15171E-04	483420.9	3732877.3	436.8	0.00	4.00	2.33
YES	HRDOW								
L0006711		0	0.15171E-04	483429.5	3732877.2	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006712		0	0.15171E-04	483438.1	3732877.1	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006713		0	0.15171E-04	483446.7	3732877.1	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006714		0	0.15171E-04	483455.3	3732877.0	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006715		0	0.15171E-04	483463.9	3732876.9	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006716		0	0.15171E-04	483472.5	3732876.8	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006717		0	0.15171E-04	483481.0	3732876.8	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006718		0	0.15171E-04	483489.6	3732876.7	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006719		0	0.15171E-04	483498.2	3732876.6	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006720		0	0.15171E-04	483506.8	3732876.5	437.0	0.00	4.00	2.33
YES	HRDOW								

FE *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 27

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	PART.	NUMBER	EMISSION	RATE	BASE	RELEASE	INIT.	INIT.	
		URBAN	EMISSION	RATE					
SOURCE	SCALAR	VARY	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY							
L0006721	0		0.15171E-04	483515.4	3732876.4	437.0	0.00	4.00	2.33
YES HRDOW									
L0006722	0		0.15171E-04	483524.0	3732876.4	437.0	0.00	4.00	2.33
YES HRDOW									
L0006723	0		0.15171E-04	483532.6	3732876.3	437.0	0.00	4.00	2.33
YES HRDOW									
L0006724	0		0.15171E-04	483541.2	3732876.2	437.0	0.00	4.00	2.33
YES HRDOW									
L0006725	0		0.15171E-04	483549.8	3732876.1	437.0	0.00	4.00	2.33
YES HRDOW									
L0006726	0		0.15171E-04	483558.3	3732876.1	437.0	0.00	4.00	2.33
YES HRDOW									
L0006727	0		0.15171E-04	483566.9	3732876.0	437.0	0.00	4.00	2.33
YES HRDOW									
L0006728	0		0.15171E-04	483575.5	3732875.9	437.0	0.00	4.00	2.33
YES HRDOW									
L0006729	0		0.15171E-04	483584.1	3732875.8	437.0	0.00	4.00	2.33
YES HRDOW									
L0006730	0		0.15171E-04	483592.7	3732875.8	437.0	0.00	4.00	2.33
YES HRDOW									
L0006731	0		0.15171E-04	483601.3	3732875.7	437.0	0.00	4.00	2.33
YES HRDOW									
L0006732	0		0.15171E-04	483609.9	3732875.6	437.0	0.00	4.00	2.33
YES HRDOW									
L0006733	0		0.15171E-04	483618.5	3732875.5	437.0	0.00	4.00	2.33
YES HRDOW									
L0006734	0		0.15171E-04	483627.1	3732875.5	437.0	0.00	4.00	2.33
YES HRDOW									
L0006735	0		0.15171E-04	483635.7	3732875.4	437.0	0.00	4.00	2.33
YES HRDOW									
L0006736	0		0.15171E-04	483644.2	3732875.3	437.0	0.00	4.00	2.33
YES HRDOW									
L0006737	0		0.15171E-04	483652.8	3732875.2	437.0	0.00	4.00	2.33
YES HRDOW									
L0006738	0		0.15171E-04	483661.4	3732875.2	437.0	0.00	4.00	2.33
YES HRDOW									
L0006739	0		0.15171E-04	483670.0	3732875.1	437.0	0.00	4.00	2.33
YES HRDOW									
L0006740	0		0.15171E-04	483678.6	3732875.0	437.0	0.00	4.00	2.33
YES HRDOW									
L0006741	0		0.15171E-04	483687.2	3732874.9	437.0	0.00	4.00	2.33
YES HRDOW									
L0006742	0		0.15171E-04	483687.7	3732883.1	437.0	0.00	4.00	2.33
YES HRDOW									
L0006743	0		0.15171E-04	483687.8	3732891.7	437.0	0.00	4.00	2.33
YES HRDOW									
L0006744	0		0.15171E-04	483687.9	3732900.3	437.0	0.00	4.00	2.33
YES HRDOW									
L0006745	0		0.15171E-04	483688.0	3732908.9	437.0	0.00	4.00	2.33
YES HRDOW									
L0006746	0		0.15171E-04	483688.1	3732917.4	437.0	0.00	4.00	2.33
YES HRDOW									
L0006747	0		0.15171E-04	483688.2	3732926.0	437.0	0.00	4.00	2.33
YES HRDOW									
L0006748	0		0.15171E-04	483688.2	3732934.6	437.0	0.00	4.00	2.33
YES HRDOW									
L0006749	0		0.15171E-04	483688.3	3732943.2	437.0	0.00	4.00	2.33

YES HRDOW	L0006750	0	0.15171E-04	483688.4	3732951.8	437.0	0.00	4.00	2.33
YES HRDOW	L0006751	0	0.15171E-04	483688.5	3732960.4	437.0	0.00	4.00	2.33
YES HRDOW	L0006752	0	0.15171E-04	483688.6	3732969.0	437.0	0.00	4.00	2.33
YES HRDOW	L0006753	0	0.15171E-04	483688.7	3732977.6	437.0	0.00	4.00	2.33
YES HRDOW	L0006754	0	0.15171E-04	483688.8	3732986.2	437.0	0.00	4.00	2.33
YES HRDOW	L0006755	0	0.15171E-04	483688.9	3732994.8	437.0	0.00	4.00	2.33
YES HRDOW	L0006756	0	0.15171E-04	483689.0	3733003.3	437.0	0.00	4.00	2.33
YES HRDOW	L0006757	0	0.17020E-07	482896.9	3732881.9	435.0	3.49	4.00	3.25
YES HRDOW	L0006758	0	0.17020E-07	482905.5	3732881.9	435.0	3.49	4.00	3.25
YES HRDOW	L0006759	0	0.17020E-07	482914.1	3732881.8	435.0	3.49	4.00	3.25
YES HRDOW	L0006760	0	0.17020E-07	482922.7	3732881.7	435.0	3.49	4.00	3.25

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
***

```

14:46:58


PAGE 28

*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	VARY	CATS.	BY						
L0006761	0	0.17020E-07	482931.3	3732881.6	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006762	0	0.17020E-07	482939.9	3732881.6	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006763	0	0.17020E-07	482948.5	3732881.5	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006764	0	0.17020E-07	482957.1	3732881.4	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006765	0	0.17020E-07	482965.7	3732881.3	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006766	0	0.17020E-07	482974.3	3732881.2	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006767	0	0.17020E-07	482982.8	3732881.2	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006768	0	0.17020E-07	482991.4	3732881.1	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006769	0	0.17020E-07	483000.0	3732881.0	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006770	0	0.17020E-07	483008.6	3732880.9	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006771	0	0.17020E-07	483017.2	3732880.9	435.0	3.49	4.00	3.25	
YES HRDOW									
L0006772	0	0.17020E-07	483025.8	3732880.8	435.0	3.49	4.00	3.25	

YES	HRDOW								
L0006773		0	0.17020E-07	483034.4	3732880.7	435.0	3.49	4.00	3.25
YES	HRDOW								
L0006774		0	0.17020E-07	483043.0	3732880.6	435.1	3.49	4.00	3.25
YES	HRDOW								
L0006775		0	0.17020E-07	483051.6	3732880.6	435.4	3.49	4.00	3.25
YES	HRDOW								
L0006776		0	0.17020E-07	483060.1	3732880.5	435.7	3.49	4.00	3.25
YES	HRDOW								
L0006777		0	0.17020E-07	483068.7	3732880.4	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006778		0	0.17020E-07	483077.3	3732880.3	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006779		0	0.17020E-07	483085.9	3732880.3	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006780		0	0.17020E-07	483094.5	3732880.2	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006781		0	0.17020E-07	483103.1	3732880.1	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006782		0	0.17020E-07	483111.7	3732880.0	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006783		0	0.17020E-07	483120.3	3732880.0	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006784		0	0.17020E-07	483128.9	3732879.9	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006785		0	0.17020E-07	483137.5	3732879.8	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006786		0	0.17020E-07	483146.0	3732879.7	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006787		0	0.17020E-07	483154.6	3732879.6	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006788		0	0.17020E-07	483163.2	3732879.6	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006789		0	0.17020E-07	483171.8	3732879.5	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006790		0	0.17020E-07	483180.4	3732879.4	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006791		0	0.17020E-07	483189.0	3732879.3	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006792		0	0.17020E-07	483197.6	3732879.3	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006793		0	0.17020E-07	483206.2	3732879.2	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006794		0	0.17020E-07	483214.8	3732879.1	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006795		0	0.17020E-07	483223.4	3732879.0	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006796		0	0.17020E-07	483231.9	3732879.0	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006797		0	0.17020E-07	483240.5	3732878.9	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006798		0	0.17020E-07	483249.1	3732878.8	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006799		0	0.17020E-07	483257.7	3732878.7	436.0	3.49	4.00	3.25
YES	HRDOW								
L0006800		0	0.17020E-07	483266.3	3732878.7	436.0	3.49	4.00	3.25

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 14:46:58

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	X	ELEV.	HEIGHT	SY	SZ
SCALAR	PART.	(GRAMS/SEC)			(METERS)	(METERS)	(METERS)	(METERS)
VARY	CATS.		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID								
(METERS)								
L0006801	0	0.17020E-07	483274.9	3732878.6	436.0	3.49	4.00	3.25
YES HRDOW								
L0006802	0	0.17020E-07	483283.5	3732878.5	436.0	3.49	4.00	3.25
YES HRDOW								
L0006803	0	0.17020E-07	483292.1	3732878.4	436.0	3.49	4.00	3.25
YES HRDOW								
L0006804	0	0.17020E-07	483300.7	3732878.4	436.0	3.49	4.00	3.25
YES HRDOW								
L0006805	0	0.17020E-07	483309.2	3732878.3	436.0	3.49	4.00	3.25
YES HRDOW								
L0006806	0	0.17020E-07	483317.8	3732878.2	436.0	3.49	4.00	3.25
YES HRDOW								
L0006807	0	0.17020E-07	483326.4	3732878.1	436.0	3.49	4.00	3.25
YES HRDOW								
L0006808	0	0.17020E-07	483335.0	3732878.0	436.0	3.49	4.00	3.25
YES HRDOW								
L0006809	0	0.17020E-07	483343.6	3732878.0	436.0	3.49	4.00	3.25
YES HRDOW								
L0006810	0	0.17020E-07	483352.2	3732877.9	436.0	3.49	4.00	3.25
YES HRDOW								
L0006811	0	0.17020E-07	483360.8	3732877.8	436.0	3.49	4.00	3.25
YES HRDOW								
L0006812	0	0.17020E-07	483369.4	3732877.7	436.0	3.49	4.00	3.25
YES HRDOW								
L0006813	0	0.17020E-07	483378.0	3732877.7	436.1	3.49	4.00	3.25
YES HRDOW								
L0006814	0	0.17020E-07	483386.6	3732877.6	436.2	3.49	4.00	3.25
YES HRDOW								
L0006815	0	0.17020E-07	483395.1	3732877.5	436.2	3.49	4.00	3.25
YES HRDOW								
L0006816	0	0.17020E-07	483403.7	3732877.4	436.4	3.49	4.00	3.25
YES HRDOW								
L0006817	0	0.17020E-07	483412.3	3732877.4	436.6	3.49	4.00	3.25
YES HRDOW								
L0006818	0	0.17020E-07	483420.9	3732877.3	436.8	3.49	4.00	3.25
YES HRDOW								
L0006819	0	0.17020E-07	483429.5	3732877.2	437.0	3.49	4.00	3.25
YES HRDOW								
L0006820	0	0.17020E-07	483438.1	3732877.1	437.0	3.49	4.00	3.25
YES HRDOW								
L0006821	0	0.17020E-07	483446.7	3732877.1	437.0	3.49	4.00	3.25
YES HRDOW								
L0006822	0	0.17020E-07	483455.3	3732877.0	437.0	3.49	4.00	3.25
YES HRDOW								
L0006823	0	0.17020E-07	483463.9	3732876.9	437.0	3.49	4.00	3.25
YES HRDOW								
L0006824	0	0.17020E-07	483472.5	3732876.8	437.0	3.49	4.00	3.25
YES HRDOW								
L0006825	0	0.17020E-07	483481.0	3732876.8	437.0	3.49	4.00	3.25
YES HRDOW								
L0006826	0	0.17020E-07	483489.6	3732876.7	437.0	3.49	4.00	3.25
YES HRDOW								
L0006827	0	0.17020E-07	483498.2	3732876.6	437.0	3.49	4.00	3.25
YES HRDOW								
L0006828	0	0.17020E-07	483506.8	3732876.5	437.0	3.49	4.00	3.25

```

YES HRDOW
L0006829      0  0.17020E-07  483515.4 3732876.4  437.0    3.49    4.00    3.25
YES HRDOW
L0006830      0  0.17020E-07  483524.0 3732876.4  437.0    3.49    4.00    3.25
YES HRDOW
L0006831      0  0.17020E-07  483532.6 3732876.3  437.0    3.49    4.00    3.25
YES HRDOW
L0006832      0  0.17020E-07  483541.2 3732876.2  437.0    3.49    4.00    3.25
YES HRDOW
L0006833      0  0.17020E-07  483549.8 3732876.1  437.0    3.49    4.00    3.25
YES HRDOW
L0006834      0  0.17020E-07  483558.3 3732876.1  437.0    3.49    4.00    3.25
YES HRDOW
L0006835      0  0.17020E-07  483566.9 3732876.0  437.0    3.49    4.00    3.25
YES HRDOW
L0006836      0  0.17020E-07  483575.5 3732875.9  437.0    3.49    4.00    3.25
YES HRDOW
L0006837      0  0.17020E-07  483584.1 3732875.8  437.0    3.49    4.00    3.25
YES HRDOW
L0006838      0  0.17020E-07  483592.7 3732875.8  437.0    3.49    4.00    3.25
YES HRDOW
L0006839      0  0.17020E-07  483601.3 3732875.7  437.0    3.49    4.00    3.25
YES HRDOW
L0006840      0  0.17020E-07  483609.9 3732875.6  437.0    3.49    4.00    3.25
YES HRDOW

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

```


PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY						
L0006841	0	0.17020E-07	483618.5	3732875.5	437.0	3.49	4.00	3.25
YES HRDOW								
L0006842	0	0.17020E-07	483627.1	3732875.5	437.0	3.49	4.00	3.25
YES HRDOW								
L0006843	0	0.17020E-07	483635.7	3732875.4	437.0	3.49	4.00	3.25
YES HRDOW								
L0006844	0	0.17020E-07	483644.2	3732875.3	437.0	3.49	4.00	3.25
YES HRDOW								
L0006845	0	0.17020E-07	483652.8	3732875.2	437.0	3.49	4.00	3.25
YES HRDOW								
L0006846	0	0.17020E-07	483661.4	3732875.2	437.0	3.49	4.00	3.25
YES HRDOW								
L0006847	0	0.17020E-07	483670.0	3732875.1	437.0	3.49	4.00	3.25
YES HRDOW								
L0006848	0	0.17020E-07	483678.6	3732875.0	437.0	3.49	4.00	3.25
YES HRDOW								
L0006849	0	0.17020E-07	483687.2	3732874.9	437.0	3.49	4.00	3.25
YES HRDOW								
L0006850	0	0.17020E-07	483687.7	3732883.1	437.0	3.49	4.00	3.25
YES HRDOW								
L0006851	0	0.17020E-07	483687.8	3732891.7	437.0	3.49	4.00	3.25

YES	HRDOW								
L0006852		0	0.17020E-07	483687.9	3732900.3	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006853		0	0.17020E-07	483688.0	3732908.9	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006854		0	0.17020E-07	483688.1	3732917.4	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006855		0	0.17020E-07	483688.2	3732926.0	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006856		0	0.17020E-07	483688.2	3732934.6	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006857		0	0.17020E-07	483688.3	3732943.2	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006858		0	0.17020E-07	483688.4	3732951.8	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006859		0	0.17020E-07	483688.5	3732960.4	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006860		0	0.17020E-07	483688.6	3732969.0	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006861		0	0.17020E-07	483688.7	3732977.6	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006862		0	0.17020E-07	483688.8	3732986.2	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006863		0	0.17020E-07	483688.9	3732994.8	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006864		0	0.17020E-07	483689.0	3733003.3	437.0	3.49	4.00	3.25
YES	HRDOW								
L0006865		0	0.21846E-04	483689.0	3733017.3	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006866		0	0.21846E-04	483689.0	3733025.9	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006867		0	0.21846E-04	483688.9	3733034.5	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006868		0	0.21846E-04	483688.9	3733043.1	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006869		0	0.21846E-04	483688.9	3733051.7	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006870		0	0.21846E-04	483688.8	3733060.3	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006871		0	0.21846E-04	483688.8	3733068.9	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006872		0	0.21846E-04	483688.7	3733077.5	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006873		0	0.21846E-04	483688.7	3733086.1	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006874		0	0.21846E-04	483688.7	3733094.7	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006875		0	0.21846E-04	483688.6	3733103.2	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006876		0	0.21846E-04	483688.6	3733111.8	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006877		0	0.21846E-04	483688.6	3733120.4	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006878		0	0.21846E-04	483688.5	3733129.0	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006879		0	0.21846E-04	483688.5	3733137.6	437.0	0.00	4.00	2.33
YES	HRDOW								
L0006880		0	0.21846E-04	483688.4	3733146.2	437.0	0.00	4.00	2.33
YES	HRDOW								

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 14:46:58

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)	SCALAR	VARY	BY						
	CATS.								
L0006881	0	0.21846E-04		483688.4	3733154.8	437.0	0.00	4.00	2.33
YES HRDOW									
L0006882	0	0.21846E-04		483688.4	3733163.4	437.0	0.00	4.00	2.33
YES HRDOW									
L0006883	0	0.21846E-04		483688.3	3733172.0	437.0	0.00	4.00	2.33
YES HRDOW									
L0006884	0	0.21846E-04		483688.3	3733180.6	437.0	0.00	4.00	2.33
YES HRDOW									
L0006885	0	0.21846E-04		483688.3	3733189.1	437.0	0.00	4.00	2.33
YES HRDOW									
L0006886	0	0.21846E-04		483688.2	3733197.7	437.0	0.00	4.00	2.33
YES HRDOW									
L0006887	0	0.21846E-04		483688.2	3733206.3	437.0	0.00	4.00	2.33
YES HRDOW									
L0006888	0	0.21846E-04		483688.1	3733214.9	437.0	0.00	4.00	2.33
YES HRDOW									
L0006889	0	0.21846E-04		483688.1	3733223.5	437.0	0.00	4.00	2.33
YES HRDOW									
L0006890	0	0.21846E-04		483688.1	3733232.1	437.0	0.00	4.00	2.33
YES HRDOW									
L0006891	0	0.21846E-04		483688.0	3733240.7	437.0	0.00	4.00	2.33
YES HRDOW									
L0006892	0	0.21846E-04		483688.0	3733249.3	437.0	0.00	4.00	2.33
YES HRDOW									
L0006893	0	0.21846E-04		483688.0	3733257.9	437.0	0.00	4.00	2.33
YES HRDOW									
L0006894	0	0.21846E-04		483687.9	3733266.5	437.0	0.00	4.00	2.33
YES HRDOW									
L0006895	0	0.21846E-04		483687.9	3733275.0	437.0	0.00	4.00	2.33
YES HRDOW									
L0006896	0	0.21846E-04		483687.8	3733283.6	437.0	0.00	4.00	2.33
YES HRDOW									
L0006897	0	0.21846E-04		483687.8	3733292.2	437.0	0.00	4.00	2.33
YES HRDOW									
L0006898	0	0.21846E-04		483687.8	3733300.8	437.0	0.00	4.00	2.33
YES HRDOW									
L0006899	0	0.21846E-04		483687.7	3733309.4	437.1	0.00	4.00	2.33
YES HRDOW									
L0006900	0	0.21846E-04		483687.7	3733318.0	437.2	0.00	4.00	2.33
YES HRDOW									
L0006901	0	0.21846E-04		483687.7	3733326.6	437.4	0.00	4.00	2.33
YES HRDOW									
L0006902	0	0.21846E-04		483687.6	3733335.2	437.6	0.00	4.00	2.33
YES HRDOW									
L0006903	0	0.21846E-04		483687.6	3733343.8	437.6	0.00	4.00	2.33
YES HRDOW									
L0006904	0	0.21846E-04		483687.5	3733352.4	437.6	0.00	4.00	2.33
YES HRDOW									
L0006905	0	0.21846E-04		483687.5	3733360.9	437.6	0.00	4.00	2.33
YES HRDOW									
L0006906	0	0.21846E-04		483687.5	3733369.5	437.6	0.00	4.00	2.33
YES HRDOW									
L0006907	0	0.21846E-04		483687.4	3733378.1	437.6	0.00	4.00	2.33

YES	HRDOW								
L0006908		0	0.21846E-04	483687.4	3733386.7	437.6	0.00	4.00	2.33
YES	HRDOW								
L0006909		0	0.21846E-04	483687.4	3733395.3	437.6	0.00	4.00	2.33
YES	HRDOW								
L0006910		0	0.21846E-04	483687.3	3733403.9	437.7	0.00	4.00	2.33
YES	HRDOW								
L0006911		0	0.21846E-04	483687.3	3733412.5	437.8	0.00	4.00	2.33
YES	HRDOW								
L0006912		0	0.21846E-04	483687.2	3733421.1	437.9	0.00	4.00	2.33
YES	HRDOW								
L0006913		0	0.21846E-04	483687.2	3733429.7	437.9	0.00	4.00	2.33
YES	HRDOW								
L0006914		0	0.21846E-04	483687.2	3733438.3	437.8	0.00	4.00	2.33
YES	HRDOW								
L0006915		0	0.21846E-04	483687.1	3733446.8	437.7	0.00	4.00	2.33
YES	HRDOW								
L0006916		0	0.21846E-04	483687.1	3733455.4	437.6	0.00	4.00	2.33
YES	HRDOW								
L0006917		0	0.21846E-04	483687.1	3733464.0	437.6	0.00	4.00	2.33
YES	HRDOW								
L0006918		0	0.21846E-04	483687.0	3733472.6	437.6	0.00	4.00	2.33
YES	HRDOW								
L0006919		0	0.21846E-04	483687.0	3733481.2	437.6	0.00	4.00	2.33
YES	HRDOW								
L0006920		0	0.21846E-04	483686.9	3733489.8	437.6	0.00	4.00	2.33
YES	HRDOW								

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			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							
L0006921	0	0.21846E-04	483686.9	3733498.4	437.7	0.00	4.00	2.33	
YES	HRDOW								
L0006922	0	0.21846E-04	483686.9	3733507.0	437.9	0.00	4.00	2.33	
YES	HRDOW								
L0006923	0	0.21846E-04	483686.8	3733515.6	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006924	0	0.21846E-04	483686.8	3733524.2	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006925	0	0.21846E-04	483686.8	3733532.7	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006926	0	0.21846E-04	483686.7	3733541.3	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006927	0	0.21846E-04	483686.7	3733549.9	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006928	0	0.21846E-04	483686.6	3733558.5	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006929	0	0.21846E-04	483686.6	3733567.1	438.0	0.00	4.00	2.33	
YES	HRDOW								
L0006930	0	0.21846E-04	483686.6	3733575.7	438.0	0.00	4.00	2.33	

YES HRDOW								
L0006931	0	0.21846E-04	483686.5	3733584.3	438.0	0.00	4.00	2.33
YES HRDOW								
L0006932	0	0.21846E-04	483686.5	3733592.9	438.0	0.00	4.00	2.33
YES HRDOW								
L0006933	0	0.21846E-04	483686.5	3733601.5	438.0	0.00	4.00	2.33
YES HRDOW								
L0006934	0	0.21846E-04	483686.4	3733610.1	438.0	0.00	4.00	2.33
YES HRDOW								
L0006935	0	0.21846E-04	483686.4	3733618.6	438.0	0.00	4.00	2.33
YES HRDOW								
L0006936	0	0.21846E-04	483686.3	3733627.2	438.0	0.00	4.00	2.33
YES HRDOW								
L0006937	0	0.21846E-04	483686.3	3733635.8	438.0	0.00	4.00	2.33
YES HRDOW								
L0006938	0	0.21846E-04	483686.3	3733644.4	438.0	0.00	4.00	2.33
YES HRDOW								
L0006939	0	0.21846E-04	483686.2	3733653.0	438.0	0.00	4.00	2.33
YES HRDOW								
L0007015	0	0.24510E-07	483689.0	3733017.3	437.0	3.49	4.00	3.25
YES HRDOW								
L0007016	0	0.24510E-07	483689.0	3733025.9	437.0	3.49	4.00	3.25
YES HRDOW								
L0007017	0	0.24510E-07	483688.9	3733034.5	437.0	3.49	4.00	3.25
YES HRDOW								
L0007018	0	0.24510E-07	483688.9	3733043.1	437.0	3.49	4.00	3.25
YES HRDOW								
L0007019	0	0.24510E-07	483688.9	3733051.7	437.0	3.49	4.00	3.25
YES HRDOW								
L0007020	0	0.24510E-07	483688.8	3733060.3	437.0	3.49	4.00	3.25
YES HRDOW								
L0007021	0	0.24510E-07	483688.8	3733068.9	437.0	3.49	4.00	3.25
YES HRDOW								
L0007022	0	0.24510E-07	483688.7	3733077.5	437.0	3.49	4.00	3.25
YES HRDOW								
L0007023	0	0.24510E-07	483688.7	3733086.1	437.0	3.49	4.00	3.25
YES HRDOW								
L0007024	0	0.24510E-07	483688.7	3733094.7	437.0	3.49	4.00	3.25
YES HRDOW								
L0007025	0	0.24510E-07	483688.6	3733103.2	437.0	3.49	4.00	3.25
YES HRDOW								
L0007026	0	0.24510E-07	483688.6	3733111.8	437.0	3.49	4.00	3.25
YES HRDOW								
L0007027	0	0.24510E-07	483688.6	3733120.4	437.0	3.49	4.00	3.25
YES HRDOW								
L0007028	0	0.24510E-07	483688.5	3733129.0	437.0	3.49	4.00	3.25
YES HRDOW								
L0007029	0	0.24510E-07	483688.5	3733137.6	437.0	3.49	4.00	3.25
YES HRDOW								
L0007030	0	0.24510E-07	483688.4	3733146.2	437.0	3.49	4.00	3.25
YES HRDOW								
L0007031	0	0.24510E-07	483688.4	3733154.8	437.0	3.49	4.00	3.25
YES HRDOW								
L0007032	0	0.24510E-07	483688.4	3733163.4	437.0	3.49	4.00	3.25
YES HRDOW								
L0007033	0	0.24510E-07	483688.3	3733172.0	437.0	3.49	4.00	3.25
YES HRDOW								
L0007034	0	0.24510E-07	483688.3	3733180.6	437.0	3.49	4.00	3.25
YES HRDOW								
L0007035	0	0.24510E-07	483688.3	3733189.1	437.0	3.49	4.00	3.25
YES HRDOW								

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER URBAN	EMISSION PART.	RATE EMISSION (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ
SOURCE ID (METERS)	SCALAR VARY	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0007036	0	0.24510E-07	483688.2	3733197.7	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007037	0	0.24510E-07	483688.2	3733206.3	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007038	0	0.24510E-07	483688.1	3733214.9	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007039	0	0.24510E-07	483688.1	3733223.5	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007040	0	0.24510E-07	483688.1	3733232.1	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007041	0	0.24510E-07	483688.0	3733240.7	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007042	0	0.24510E-07	483688.0	3733249.3	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007043	0	0.24510E-07	483688.0	3733257.9	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007044	0	0.24510E-07	483687.9	3733266.5	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007045	0	0.24510E-07	483687.9	3733275.0	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007046	0	0.24510E-07	483687.8	3733283.6	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007047	0	0.24510E-07	483687.8	3733292.2	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007048	0	0.24510E-07	483687.8	3733300.8	437.0	3.49	4.00	3.25	
YES HRDOW									
L0007049	0	0.24510E-07	483687.7	3733309.4	437.1	3.49	4.00	3.25	
YES HRDOW									
L0007050	0	0.24510E-07	483687.7	3733318.0	437.2	3.49	4.00	3.25	
YES HRDOW									
L0007051	0	0.24510E-07	483687.7	3733326.6	437.4	3.49	4.00	3.25	
YES HRDOW									
L0007052	0	0.24510E-07	483687.6	3733335.2	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007053	0	0.24510E-07	483687.6	3733343.8	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007054	0	0.24510E-07	483687.5	3733352.4	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007055	0	0.24510E-07	483687.5	3733360.9	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007056	0	0.24510E-07	483687.5	3733369.5	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007057	0	0.24510E-07	483687.4	3733378.1	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007058	0	0.24510E-07	483687.4	3733386.7	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007059	0	0.24510E-07	483687.4	3733395.3	437.6	3.49	4.00	3.25	
YES HRDOW									
L0007060	0	0.24510E-07	483687.3	3733403.9	437.7	3.49	4.00	3.25	
YES HRDOW									
L0007061	0	0.24510E-07	483687.3	3733412.5	437.8	3.49	4.00	3.25	

YES	HRDOW								
L0007062		0	0.24510E-07	483687.2	3733421.1	437.9	3.49	4.00	3.25
YES	HRDOW								
L0007063		0	0.24510E-07	483687.2	3733429.7	437.9	3.49	4.00	3.25
YES	HRDOW								
L0007064		0	0.24510E-07	483687.2	3733438.3	437.8	3.49	4.00	3.25
YES	HRDOW								
L0007065		0	0.24510E-07	483687.1	3733446.8	437.7	3.49	4.00	3.25
YES	HRDOW								
L0007066		0	0.24510E-07	483687.1	3733455.4	437.6	3.49	4.00	3.25
YES	HRDOW								
L0007067		0	0.24510E-07	483687.1	3733464.0	437.6	3.49	4.00	3.25
YES	HRDOW								
L0007068		0	0.24510E-07	483687.0	3733472.6	437.6	3.49	4.00	3.25
YES	HRDOW								
L0007069		0	0.24510E-07	483687.0	3733481.2	437.6	3.49	4.00	3.25
YES	HRDOW								
L0007070		0	0.24510E-07	483686.9	3733489.8	437.6	3.49	4.00	3.25
YES	HRDOW								
L0007071		0	0.24510E-07	483686.9	3733498.4	437.7	3.49	4.00	3.25
YES	HRDOW								
L0007072		0	0.24510E-07	483686.9	3733507.0	437.9	3.49	4.00	3.25
YES	HRDOW								
L0007073		0	0.24510E-07	483686.8	3733515.6	438.0	3.49	4.00	3.25
YES	HRDOW								
L0007074		0	0.24510E-07	483686.8	3733524.2	438.0	3.49	4.00	3.25
YES	HRDOW								
L0007075		0	0.24510E-07	483686.8	3733532.7	438.0	3.49	4.00	3.25
YES	HRDOW								

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 34

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0007076	0	0.24510E-07	483686.7	3733541.3	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007077	0	0.24510E-07	483686.7	3733549.9	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007078	0	0.24510E-07	483686.6	3733558.5	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007079	0	0.24510E-07	483686.6	3733567.1	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007080	0	0.24510E-07	483686.6	3733575.7	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007081	0	0.24510E-07	483686.5	3733584.3	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007082	0	0.24510E-07	483686.5	3733592.9	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007083	0	0.24510E-07	483686.5	3733601.5	438.0	3.49	4.00	3.25	
YES	HRDOW								
L0007084	0	0.24510E-07	483686.4	3733610.1	438.0	3.49	4.00	3.25	


```

YES HRDOW
L0007085      0  0.24510E-07  483686.4 3733618.6  438.0    3.49    4.00    3.25
YES HRDOW
L0007086      0  0.24510E-07  483686.3 3733627.2  438.0    3.49    4.00    3.25
YES HRDOW
L0007087      0  0.24510E-07  483686.3 3733635.8  438.0    3.49    4.00    3.25
YES HRDOW
L0007088      0  0.24510E-07  483686.3 3733644.4  438.0    3.49    4.00    3.25
YES HRDOW
L0007089      0  0.24510E-07  483686.2 3733653.0  438.0    3.49    4.00    3.25
YES HRDOW

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 35

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

-----
ONSITE  L0004882 , L0004883 , L0004884 , L0004885 , L0004886 , L0004887
, L0004888 , L0004889 ,

L0004890 , L0004891 , L0004892 , L0004893 , L0004894 , L0004895
, L0004896 , L0004897 ,

L0004898 , L0004899 , L0004900 , L0004901 , L0004902 , L0004903
, L0004904 , L0004905 ,

L0004906 , L0004907 , L0004908 , L0004909 , L0004910 , L0004911
, L0004912 , L0004913 ,

L0004914 , L0004915 , L0004916 , L0004917 , L0004918 , L0004919
, L0004920 , L0004921 ,

L0004922 , L0004923 , L0004924 , L0004925 , L0004926 , L0004927
, L0004928 , L0004929 ,

L0004930 , L0004931 , L0004932 , L0004933 , L0004934 , L0004935
, L0004936 , L0004937 ,

L0004938 , L0004939 , L0004940 , L0004941 , L0004942 , L0004943
, L0004944 , L0004945 ,

L0004946 , L0004947 , L0004948 , L0004949 , L0004950 , L0004951
, L0004952 , L0004953 ,

L0004954 , L0004955 , L0004956 , L0004957 , L0004958 , L0004959
, L0004960 , L0004961 ,

L0004962 , L0004963 , L0004964 , L0004965 , L0004966 , L0004967
, L0004968 , L0004969 ,

L0004970 , L0004971 , L0004972 , L0004973 , L0004974 , L0004975
, L0004976 , L0004977 ,

L0004978 , L0004979 , L0004980 , L0004981 , L0004982 , L0004983
, L0004984 , L0004985 ,

L0004986 , L0004987 , L0004988 , L0004989 , L0004990 , L0004991

```

, L0004992 , L0004993 ,
 L0004994 , VOL1 , VOL2 , VOL3 , VOL4 , VOL5
 , 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 ,

OFFSITE L0006025 , L0006026 , L0006027 , L0006028 , L0006029 , L0006030
 , L0006031 , L0006032 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 36

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0006033 , L0006034 , L0006035 , L0006036 , L0006037 , L0006038
 , L0006039 , L0006040 ,
 L0006041 , L0006042 , L0006043 , L0006044 , L0006045 , L0006046
 , L0006047 , L0006048 ,
 L0006049 , L0006050 , L0006051 , L0006052 , L0006053 , L0006054
 , L0006055 , L0006056 ,
 L0006057 , L0006058 , L0006059 , L0006060 , L0006061 , L0006062
 , L0006063 , L0006064 ,
 L0006065 , L0006066 , L0006067 , L0006068 , L0006069 , L0006070
 , L0006071 , L0006072 ,
 L0006073 , L0006074 , L0006075 , L0006076 , L0006077 , L0006078
 , L0006079 , L0006080 ,
 L0006081 , L0006082 , L0006083 , L0006084 , L0006085 , L0006086
 , L0006087 , L0006088 ,
 L0006089 , L0006090 , L0006091 , L0006092 , L0006093 , L0006094
 , L0006095 , L0006096 ,
 L0006097 , L0006098 , L0006099 , L0006100 , L0006101 , L0006102
 , L0006103 , L0006104 ,
 L0006105 , L0006106 , L0006107 , L0006108 , L0006109 , L0006110
 , L0006111 , L0006112 ,
 L0006113 , L0006114 , L0006115 , L0006116 , L0006117 , L0006118
 , L0006119 , L0006120 ,

L0006121 , L0006122 , L0006123 , L0006124 , L0006125 , L0006126
 , L0006127 , L0006128 ,
 L0006129 , L0006130 , L0006131 , L0006132 , L0006133 , L0006134
 , L0006135 , L0006136 ,
 L0006137 , L0006138 , L0006139 , L0006140 , L0006141 , L0006142
 , L0006143 , L0006144 ,
 L0006145 , L0006146 , L0006147 , L0003908 , L0003909 , L0003910
 , L0003911 , L0003912 ,
 L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918
 , L0003919 , L0003920 ,
 L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926
 , L0003927 , L0003928 ,
 L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934
 , L0003935 , L0003936 ,
 L0003937 , L0003938 , L0003939 , L0003940 , L0003941 , L0003942
 , L0003943 , L0003944 ,
 L0003945 , L0003946 , L0003947 , L0003948 , L0003949 , L0003950
 , L0003951 , L0003952 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0003953 , L0003954 , L0003955 , L0003956 , L0003957 , L0003958
 , L0003959 , L0003960 ,
 L0003961 , L0003962 , L0003963 , L0003964 , L0003965 , L0003966
 , L0003967 , L0003968 ,
 L0003969 , L0003970 , L0003971 , L0003972 , L0003973 , L0003974
 , L0003975 , L0003976 ,
 L0003977 , L0003978 , L0003979 , L0003980 , L0003981 , L0003982
 , L0003983 , L0003984 ,
 L0003985 , L0003986 , L0003987 , L0003988 , L0003989 , L0003990
 , L0003991 , L0003992 ,
 L0003993 , L0003994 , L0003995 , L0003996 , L0003997 , L0003998
 , L0003999 , L0004000 ,
 L0004001 , L0004002 , L0004003 , L0004004 , L0004005 , L0004006
 , L0004007 , L0004008 ,
 L0004009 , L0004010 , L0004011 , L0004012 , L0004013 , L0004014
 , L0004015 , L0004016 ,
 L0004017 , L0004018 , L0004019 , L0004020 , L0004021 , L0004022

```

, L0004023 , L0004024 ,
L0004025 , L0004026 , L0004027 , L0004028 , L0004029 , L0004030
, L0003705 , L0003706 ,
L0003707 , L0003708 , L0003709 , L0003710 , L0003711 , L0003712
, L0003713 , L0003714 ,
L0003715 , L0003716 , L0003717 , L0003718 , L0003719 , L0003720
, L0003721 , L0003722 ,
L0003723 , L0004202 , L0004203 , L0004204 , L0004205 , L0004206
, L0004207 , L0004208 ,
L0004209 , L0004210 , L0004211 , L0004212 , L0004213 , L0004214
, L0004215 , L0004216 ,
L0004217 , L0004218 , L0004219 , L0004220 , L0004221 , L0004222
, L0004223 , L0004224 ,
L0004225 , L0004226 , L0004227 , L0004228 , L0004229 , L0004230
, L0004231 , L0004232 ,
L0004233 , L0004234 , L0004235 , L0004236 , L0004237 , L0004238
, L0004239 , L0004240 ,
L0004241 , L0004242 , L0004243 , L0004244 , L0004245 , L0004246
, L0006334 , L0006335 ,
L0006336 , L0006337 , L0006338 , L0006339 , L0006340 , L0006341
, L0006342 , L0006343 ,
L0006344 , L0006345 , L0006346 , L0006347 , L0006348 , L0006349
, L0006350 , L0006351 ,

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 38

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

-----
L0006352 , L0006353 , L0004266 , L0004267 , L0004268 , L0004269
, L0004270 , L0004271 ,
L0004272 , L0004273 , L0004274 , L0004275 , L0004276 , L0004277
, L0004278 , L0004279 ,
L0004280 , L0004281 , L0004282 , L0004283 , L0004284 , L0004285
, L0004286 , L0004287 ,
L0004288 , L0004289 , L0004290 , L0004291 , L0004292 , L0004293
, L0004294 , L0004295 ,
L0004296 , L0004297 , L0004298 , L0004299 , L0004300 , L0004301
, L0004302 , L0004303 ,
L0004304 , L0004305 , L0004306 , L0004307 , L0004308 , L0004309
, L0004310 , L0004311 ,

```

L0004312 , L0006354 , L0006355 , L0006356 , L0006357 , L0006358
 , L0006359 , L0006360 , ,
 L0006361 , L0006362 , L0006363 , L0006364 , L0006365 , L0006366
 , L0006367 , L0006368 , ,
 L0006369 , L0006370 , L0006371 , L0006372 , L0006373 , L0006374
 , L0006375 , L0006376 , ,
 L0006377 , L0006378 , L0006379 , L0006380 , L0006381 , L0006382
 , L0006383 , L0006384 , ,
 L0006385 , L0006386 , L0006387 , L0006388 , L0006389 , L0006390
 , L0006391 , L0006392 , ,
 L0006393 , L0006394 , L0006395 , L0006396 , L0006397 , L0006398
 , L0006399 , L0006400 , ,
 L0006401 , L0006402 , L0006403 , L0006404 , L0006405 , L0006406
 , L0006407 , L0006408 , ,
 L0006409 , L0006410 , L0006411 , L0006412 , L0006413 , L0006414
 , L0006415 , L0006416 , ,
 L0006417 , L0006418 , L0006419 , L0006420 , L0006421 , L0006422
 , L0006423 , L0006424 , ,
 L0006425 , L0006426 , L0006427 , L0006428 , L0006429 , L0006430
 , L0006431 , L0006432 , ,
 L0006433 , L0006434 , L0006435 , L0006436 , L0006437 , L0006438
 , L0006439 , L0006440 , ,
 L0006441 , L0006442 , L0006443 , L0006444 , L0006445 , L0006446
 , L0006447 , L0006448 , ,
 L0006449 , L0006450 , L0006451 , L0006452 , L0006453 , L0006454
 , L0006455 , L0006456 , ,
 L0006457 , L0006458 , L0006459 , L0006460 , L0006461 , L0006462
 , L0005277 , L0005278 , ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 39

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0005279 , L0005280 , L0005281 , L0005282 , L0005283 , L0005284
 , L0005285 , L0005286 , ,
 L0005287 , L0005288 , L0005289 , L0005290 , L0005291 , L0005292
 , L0005293 , L0005294 , ,
 L0005295 , L0005296 , L0005297 , L0005298 , L0005299 , L0005300
 , L0005301 , L0005302 , ,

L0005303 , L0005304 , L0005305 , L0005306 , L0005307 , L0005308
 , L0005309 , L0005310 , ,

 L0005311 , L0005312 , L0005313 , L0005314 , L0005315 , L0005316
 , L0005317 , L0005318 , ,

 L0005319 , L0005320 , L0005321 , L0005322 , L0005323 , L0005324
 , L0005325 , L0005326 , ,

 L0005327 , L0005328 , L0005329 , L0005330 , L0005331 , L0005332
 , L0005333 , L0005334 , ,

 L0005335 , L0005336 , L0005337 , L0005338 , L0005339 , L0005340
 , L0005341 , L0005342 , ,

 L0005343 , L0005344 , L0005345 , L0005346 , L0005347 , L0005348
 , L0005349 , L0005350 , ,

 L0005351 , L0005352 , L0005353 , L0005354 , L0005355 , L0005356
 , L0005357 , L0005358 , ,

 L0005359 , L0005360 , L0005361 , L0005362 , L0005363 , L0005364
 , L0005365 , L0005366 , ,

 L0005367 , L0005368 , L0005369 , L0005370 , L0005371 , L0005372
 , L0005373 , L0005374 , ,

 L0005375 , L0005376 , L0005377 , L0005378 , L0005379 , L0005380
 , L0005381 , L0005382 , ,

 L0005383 , L0005384 , L0005385 , L0006463 , L0006464 , L0006465
 , L0006466 , L0006467 , ,

 L0006468 , L0006469 , L0006470 , L0006471 , L0006472 , L0006473
 , L0006474 , L0006475 , ,

 L0006476 , L0006477 , L0006478 , L0006479 , L0006480 , L0006481
 , L0006482 , L0006483 , ,

 L0006484 , L0006485 , L0006486 , L0006487 , L0006488 , L0006489
 , L0006490 , L0006491 , ,

 L0006492 , L0006493 , L0006494 , L0006495 , L0006496 , L0006497
 , L0006498 , L0006499 , ,

 L0006500 , L0006501 , L0006502 , L0006503 , L0006504 , L0006505
 , L0006506 , L0006507 , ,

 L0006508 , L0006509 , L0006510 , L0006511 , L0006512 , L0006513
 , L0006514 , L0006515 , ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0006516 , L0006517 , L0006518 , L0006519 , L0006520 , L0006521

, L0006522 , L0006523 ,
L0006524 , L0006525 , L0006526 , L0006527 , L0006528 , L0006529
, L0006530 , L0006531 , ,
L0006532 , L0006533 , L0006534 , L0006535 , L0006536 , L0006537
, L0006538 , L0006539 , ,
L0006540 , L0006541 , L0006542 , L0006543 , L0006544 , L0006545
, L0006546 , L0006547 , ,
L0006548 , L0006549 , L0006550 , L0006551 , L0006552 , L0006553
, L0006554 , L0006555 , ,
L0006556 , L0006557 , L0006558 , L0006559 , L0006560 , L0006561
, L0006562 , L0006563 , ,
L0006564 , L0006565 , L0006566 , L0006567 , L0006568 , L0006569
, L0006570 , L0006571 , ,
L0006572 , L0006573 , L0006574 , L0006575 , L0006576 , L0006577
, L0006578 , L0006579 , ,
L0006580 , L0006581 , L0006582 , L0006583 , L0006584 , L0006585
, L0006586 , L0006587 , ,
L0006588 , L0006589 , L0006590 , L0006591 , L0006592 , L0006593
, L0006594 , L0006595 , ,
L0006596 , L0006597 , L0006598 , L0006599 , L0006600 , L0006601
, L0006602 , L0006603 , ,
L0006604 , L0006605 , L0006606 , L0006607 , L0006608 , L0006609
, L0006610 , L0006611 , ,
L0006612 , L0006613 , L0006614 , L0006615 , L0006616 , L0006617
, L0006618 , L0006619 , ,
L0006620 , L0006621 , L0006622 , L0006623 , L0006624 , L0006625
, L0006626 , L0006627 , ,
L0006628 , L0006629 , L0006630 , L0006631 , L0006632 , L0006633
, L0006634 , L0006635 , ,
L0006636 , L0006637 , L0006638 , L0006639 , L0006640 , L0006641
, L0006642 , L0006643 , ,
L0006644 , L0006645 , L0006646 , L0006647 , L0006648 , L0006649
, L0006650 , L0006651 , ,
L0006652 , L0006653 , L0006654 , L0006655 , L0006656 , L0006657
, L0006658 , L0006659 , ,
L0006660 , L0006661 , L0006662 , L0006663 , L0006664 , L0006665
, L0006666 , L0006667 , ,
L0006668 , L0006669 , L0006670 , L0006671 , L0006672 , L0006673
, L0006674 , L0006675 , ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** 14:46:58

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

-----
L0006676 , L0006677 , L0006678 , L0006679 , L0006680 , L0006681
, L0006682 , L0006683 ,
L0006684 , L0006685 , L0006686 , L0006687 , L0006688 , L0006689
, L0006690 , L0006691 ,
L0006692 , L0006693 , L0006694 , L0006695 , L0006696 , L0006697
, L0006698 , L0006699 ,
L0006700 , L0006701 , L0006702 , L0006703 , L0006704 , L0006705
, L0006706 , L0006707 ,
L0006708 , L0006709 , L0006710 , L0006711 , L0006712 , L0006713
, L0006714 , L0006715 ,
L0006716 , L0006717 , L0006718 , L0006719 , L0006720 , L0006721
, L0006722 , L0006723 ,
L0006724 , L0006725 , L0006726 , L0006727 , L0006728 , L0006729
, L0006730 , L0006731 ,
L0006732 , L0006733 , L0006734 , L0006735 , L0006736 , L0006737
, L0006738 , L0006739 ,
L0006740 , L0006741 , L0006742 , L0006743 , L0006744 , L0006745
, L0006746 , L0006747 ,
L0006748 , L0006749 , L0006750 , L0006751 , L0006752 , L0006753
, L0006754 , L0006755 ,
L0006756 , L0006757 , L0006758 , L0006759 , L0006760 , L0006761
, L0006762 , L0006763 ,
L0006764 , L0006765 , L0006766 , L0006767 , L0006768 , L0006769
, L0006770 , L0006771 ,
L0006772 , L0006773 , L0006774 , L0006775 , L0006776 , L0006777
, L0006778 , L0006779 ,
L0006780 , L0006781 , L0006782 , L0006783 , L0006784 , L0006785
, L0006786 , L0006787 ,
L0006788 , L0006789 , L0006790 , L0006791 , L0006792 , L0006793
, L0006794 , L0006795 ,
L0006796 , L0006797 , L0006798 , L0006799 , L0006800 , L0006801
, L0006802 , L0006803 ,
L0006804 , L0006805 , L0006806 , L0006807 , L0006808 , L0006809
, L0006810 , L0006811 ,
L0006812 , L0006813 , L0006814 , L0006815 , L0006816 , L0006817
, L0006818 , L0006819 ,
L0006820 , L0006821 , L0006822 , L0006823 , L0006824 , L0006825
, L0006826 , L0006827 ,
L0006828 , L0006829 , L0006830 , L0006831 , L0006832 , L0006833
, L0006834 , L0006835 ,

```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0006836 , L0006842	, L0006837 , L0006843	, L0006838 ,	, L0006839	, L0006840	, L0006841
L0006844 , L0006850	, L0006845 , L0006851	, L0006846 ,	, L0006847	, L0006848	, L0006849
L0006852 , L0006858	, L0006853 , L0006859	, L0006854 ,	, L0006855	, L0006856	, L0006857
L0006860 , L0006866	, L0006861 , L0006867	, L0006862 ,	, L0006863	, L0006864	, L0006865
L0006868 , L0006874	, L0006869 , L0006875	, L0006870 ,	, L0006871	, L0006872	, L0006873
L0006876 , L0006882	, L0006877 , L0006883	, L0006878 ,	, L0006879	, L0006880	, L0006881
L0006884 , L0006890	, L0006885 , L0006891	, L0006886 ,	, L0006887	, L0006888	, L0006889
L0006892 , L0006898	, L0006893 , L0006899	, L0006894 ,	, L0006895	, L0006896	, L0006897
L0006900 , L0006906	, L0006901 , L0006907	, L0006902 ,	, L0006903	, L0006904	, L0006905
L0006908 , L0006914	, L0006909 , L0006915	, L0006910 ,	, L0006911	, L0006912	, L0006913
L0006916 , L0006922	, L0006917 , L0006923	, L0006918 ,	, L0006919	, L0006920	, L0006921
L0006924 , L0006930	, L0006925 , L0006931	, L0006926 ,	, L0006927	, L0006928	, L0006929
L0006932 , L0006938	, L0006933 , L0006939	, L0006934 ,	, L0006935	, L0006936	, L0006937
L0007015 , L0007021	, L0007016 , L0007022	, L0007017 ,	, L0007018	, L0007019	, L0007020
L0007023 , L0007029	, L0007024 , L0007030	, L0007025 ,	, L0007026	, L0007027	, L0007028
L0007031 , L0007037	, L0007032 , L0007038	, L0007033 ,	, L0007034	, L0007035	, L0007036
L0007039 , L0007045	, L0007040 , L0007046	, L0007041 ,	, L0007042	, L0007043	, L0007044

L0007047 , L0007048 , L0007049 , L0007050 , L0007051 , L0007052
 , L0007053 , L0007054 ,
 L0007055 , L0007056 , L0007057 , L0007058 , L0007059 , L0007060
 , L0007061 , L0007062 ,
 L0007063 , L0007064 , L0007065 , L0007066 , L0007067 , L0007068
 , L0007069 , L0007070 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 43

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0007071 , L0007072 , L0007073 , L0007074 , L0007075 , L0007076
 , L0007077 , L0007078 ,
 L0007079 , L0007080 , L0007081 , L0007082 , L0007083 , L0007084
 , L0007085 , L0007086 ,
 L0007087 , L0007088 , L0007089 ,
 ALL L0004882 , L0004883 , L0004884 , L0004885 , L0004886 , L0004887
 , L0004888 , L0004889 ,
 L0004890 , L0004891 , L0004892 , L0004893 , L0004894 , L0004895
 , L0004896 , L0004897 ,
 L0004898 , L0004899 , L0004900 , L0004901 , L0004902 , L0004903
 , L0004904 , L0004905 ,
 L0004906 , L0004907 , L0004908 , L0004909 , L0004910 , L0004911
 , L0004912 , L0004913 ,
 L0004914 , L0004915 , L0004916 , L0004917 , L0004918 , L0004919
 , L0004920 , L0004921 ,
 L0004922 , L0004923 , L0004924 , L0004925 , L0004926 , L0004927
 , L0004928 , L0004929 ,
 L0004930 , L0004931 , L0004932 , L0004933 , L0004934 , L0004935
 , L0004936 , L0004937 ,
 L0004938 , L0004939 , L0004940 , L0004941 , L0004942 , L0004943
 , L0004944 , L0004945 ,
 L0004946 , L0004947 , L0004948 , L0004949 , L0004950 , L0004951
 , L0004952 , L0004953 ,
 L0004954 , L0004955 , L0004956 , L0004957 , L0004958 , L0004959
 , L0004960 , L0004961 ,
 L0004962 , L0004963 , L0004964 , L0004965 , L0004966 , L0004967
 , L0004968 , L0004969 ,
 L0004970 , L0004971 , L0004972 , L0004973 , L0004974 , L0004975
 , L0004976 , L0004977 ,

L0004978 , L0004979 , L0004980 , L0004981 , L0004982 , L0004983
 , L0004984 , L0004985 ,
 L0004986 , L0004987 , L0004988 , L0004989 , L0004990 , L0004991
 , L0004992 , L0004993 ,
 L0004994 , L0006025 , L0006026 , L0006027 , L0006028 , L0006029
 , L0006030 , L0006031 ,
 L0006032 , L0006033 , L0006034 , L0006035 , L0006036 , L0006037
 , L0006038 , L0006039 ,
 L0006040 , L0006041 , L0006042 , L0006043 , L0006044 , L0006045
 , L0006046 , L0006047 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 44

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0006048 , L0006049 , L0006050 , L0006051 , L0006052 , L0006053
 , L0006054 , L0006055 ,
 L0006056 , L0006057 , L0006058 , L0006059 , L0006060 , L0006061
 , L0006062 , L0006063 ,
 L0006064 , L0006065 , L0006066 , L0006067 , L0006068 , L0006069
 , L0006070 , L0006071 ,
 L0006072 , L0006073 , L0006074 , L0006075 , L0006076 , L0006077
 , L0006078 , L0006079 ,
 L0006080 , L0006081 , L0006082 , L0006083 , L0006084 , L0006085
 , L0006086 , L0006087 ,
 L0006088 , L0006089 , L0006090 , L0006091 , L0006092 , L0006093
 , L0006094 , L0006095 ,
 L0006096 , L0006097 , L0006098 , L0006099 , L0006100 , L0006101
 , L0006102 , L0006103 ,
 L0006104 , L0006105 , L0006106 , L0006107 , L0006108 , L0006109
 , L0006110 , L0006111 ,
 L0006112 , L0006113 , L0006114 , L0006115 , L0006116 , L0006117
 , L0006118 , L0006119 ,
 L0006120 , L0006121 , L0006122 , L0006123 , L0006124 , L0006125
 , L0006126 , L0006127 ,
 L0006128 , L0006129 , L0006130 , L0006131 , L0006132 , L0006133
 , L0006134 , L0006135 ,
 L0006136 , L0006137 , L0006138 , L0006139 , L0006140 , L0006141
 , L0006142 , L0006143 ,

L0006144 , L0006145 , L0006146 , L0006147 , L0003908 , L0003909
 , L0003910 , L0003911 ,
 L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917
 , L0003918 , L0003919 ,
 L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925
 , L0003926 , L0003927 ,
 L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933
 , L0003934 , L0003935 ,
 L0003936 , L0003937 , L0003938 , L0003939 , L0003940 , L0003941
 , L0003942 , L0003943 ,
 L0003944 , L0003945 , L0003946 , L0003947 , L0003948 , L0003949
 , L0003950 , L0003951 ,
 L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957
 , L0003958 , L0003959 ,
 L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965
 , L0003966 , L0003967 ,

HP *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 45

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973
 , L0003974 , L0003975 ,
 L0003976 , L0003977 , L0003978 , L0003979 , L0003980 , L0003981
 , L0003982 , L0003983 ,
 L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989
 , L0003990 , L0003991 ,
 L0003992 , L0003993 , L0003994 , L0003995 , L0003996 , L0003997
 , L0003998 , L0003999 ,
 L0004000 , L0004001 , L0004002 , L0004003 , L0004004 , L0004005
 , L0004006 , L0004007 ,
 L0004008 , L0004009 , L0004010 , L0004011 , L0004012 , L0004013
 , L0004014 , L0004015 ,
 L0004016 , L0004017 , L0004018 , L0004019 , L0004020 , L0004021
 , L0004022 , L0004023 ,
 L0004024 , L0004025 , L0004026 , L0004027 , L0004028 , L0004029
 , L0004030 , VOL1 ,
 VOL2 , VOL3 , VOL4 , VOL5 , 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      , L0003705   , L0003706   , L0003707   , L0003708   , L0003709
, L0003710   , L0003711   ,
L0003712   , L0003713   , L0003714   , L0003715   , L0003716   , L0003717
, L0003718   , L0003719   ,
L0003720   , L0003721   , L0003722   , L0003723   , L0004202   , L0004203
, L0004204   , L0004205   ,
L0004206   , L0004207   , L0004208   , L0004209   , L0004210   , L0004211
, L0004212   , L0004213   ,
L0004214   , L0004215   , L0004216   , L0004217   , L0004218   , L0004219
, L0004220   , L0004221   ,
L0004222   , L0004223   , L0004224   , L0004225   , L0004226   , L0004227
, L0004228   , L0004229   ,
L0004230   , L0004231   , L0004232   , L0004233   , L0004234   , L0004235
, L0004236   , L0004237   ,
L0004238   , L0004239   , L0004240   , L0004241   , L0004242   , L0004243
, L0004244   , L0004245   ,

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID							SOURCE IDs			
-----							-----			
L0004246	,	L0006334	,	L0006335	,	L0006336	,	L0006337	,	L0006338
, L0006339		, L0006340		,						
L0006341	,	L0006342	,	L0006343	,	L0006344	,	L0006345	,	L0006346
, L0006347		, L0006348		,						
L0006349	,	L0006350	,	L0006351	,	L0006352	,	L0006353	,	L0004266
, L0004267		, L0004268		,						
L0004269	,	L0004270	,	L0004271	,	L0004272	,	L0004273	,	L0004274
, L0004275		, L0004276		,						
L0004277	,	L0004278	,	L0004279	,	L0004280	,	L0004281	,	L0004282
, L0004283		, L0004284		,						
L0004285	,	L0004286	,	L0004287	,	L0004288	,	L0004289	,	L0004290
, L0004291		, L0004292		,						
L0004293	,	L0004294	,	L0004295	,	L0004296	,	L0004297	,	L0004298
, L0004299		, L0004300		,						

L0004301 , L0004302 , L0004303 , L0004304 , L0004305 , L0004306
 , L0004307 , L0004308 , ,
 L0004309 , L0004310 , L0004311 , L0004312 , L0006354 , L0006355
 , L0006356 , L0006357 , ,
 L0006358 , L0006359 , L0006360 , L0006361 , L0006362 , L0006363
 , L0006364 , L0006365 , ,
 L0006366 , L0006367 , L0006368 , L0006369 , L0006370 , L0006371
 , L0006372 , L0006373 , ,
 L0006374 , L0006375 , L0006376 , L0006377 , L0006378 , L0006379
 , L0006380 , L0006381 , ,
 L0006382 , L0006383 , L0006384 , L0006385 , L0006386 , L0006387
 , L0006388 , L0006389 , ,
 L0006390 , L0006391 , L0006392 , L0006393 , L0006394 , L0006395
 , L0006396 , L0006397 , ,
 L0006398 , L0006399 , L0006400 , L0006401 , L0006402 , L0006403
 , L0006404 , L0006405 , ,
 L0006406 , L0006407 , L0006408 , L0006409 , L0006410 , L0006411
 , L0006412 , L0006413 , ,
 L0006414 , L0006415 , L0006416 , L0006417 , L0006418 , L0006419
 , L0006420 , L0006421 , ,
 L0006422 , L0006423 , L0006424 , L0006425 , L0006426 , L0006427
 , L0006428 , L0006429 , ,
 L0006430 , L0006431 , L0006432 , L0006433 , L0006434 , L0006435
 , L0006436 , L0006437 , ,
 L0006438 , L0006439 , L0006440 , L0006441 , L0006442 , L0006443
 , L0006444 , L0006445 , ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0006446 , L0006447 , L0006448 , L0006449 , L0006450 , L0006451
 , L0006452 , L0006453 , ,
 L0006454 , L0006455 , L0006456 , L0006457 , L0006458 , L0006459
 , L0006460 , L0006461 , ,
 L0006462 , L0005277 , L0005278 , L0005279 , L0005280 , L0005281
 , L0005282 , L0005283 , ,
 L0005284 , L0005285 , L0005286 , L0005287 , L0005288 , L0005289
 , L0005290 , L0005291 , ,

L0005292 , L0005293 , L0005294 , L0005295 , L0005296 , L0005297
 , L0005298 , L0005299 , ,
 L0005300 , L0005301 , L0005302 , L0005303 , L0005304 , L0005305
 , L0005306 , L0005307 , ,
 L0005308 , L0005309 , L0005310 , L0005311 , L0005312 , L0005313
 , L0005314 , L0005315 , ,
 L0005316 , L0005317 , L0005318 , L0005319 , L0005320 , L0005321
 , L0005322 , L0005323 , ,
 L0005324 , L0005325 , L0005326 , L0005327 , L0005328 , L0005329
 , L0005330 , L0005331 , ,
 L0005332 , L0005333 , L0005334 , L0005335 , L0005336 , L0005337
 , L0005338 , L0005339 , ,
 L0005340 , L0005341 , L0005342 , L0005343 , L0005344 , L0005345
 , L0005346 , L0005347 , ,
 L0005348 , L0005349 , L0005350 , L0005351 , L0005352 , L0005353
 , L0005354 , L0005355 , ,
 L0005356 , L0005357 , L0005358 , L0005359 , L0005360 , L0005361
 , L0005362 , L0005363 , ,
 L0005364 , L0005365 , L0005366 , L0005367 , L0005368 , L0005369
 , L0005370 , L0005371 , ,
 L0005372 , L0005373 , L0005374 , L0005375 , L0005376 , L0005377
 , L0005378 , L0005379 , ,
 L0005380 , L0005381 , L0005382 , L0005383 , L0005384 , L0005385
 , L0006463 , L0006464 , ,
 L0006465 , L0006466 , L0006467 , L0006468 , L0006469 , L0006470
 , L0006471 , L0006472 , ,
 L0006473 , L0006474 , L0006475 , L0006476 , L0006477 , L0006478
 , L0006479 , L0006480 , ,
 L0006481 , L0006482 , L0006483 , L0006484 , L0006485 , L0006486
 , L0006487 , L0006488 , ,
 L0006489 , L0006490 , L0006491 , L0006492 , L0006493 , L0006494
 , L0006495 , L0006496 , ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0006497 , L0006498 , L0006499 , L0006500 , L0006501 , L0006502
 , L0006503 , L0006504 , ,
 L0006505 , L0006506 , L0006507 , L0006508 , L0006509 , L0006510

, L0006511 , L0006512 ,
L0006513 , L0006514 , L0006515 , L0006516 , L0006517 , L0006518
, L0006519 , L0006520 ,
L0006521 , L0006522 , L0006523 , L0006524 , L0006525 , L0006526
, L0006527 , L0006528 ,
L0006529 , L0006530 , L0006531 , L0006532 , L0006533 , L0006534
, L0006535 , L0006536 ,
L0006537 , L0006538 , L0006539 , L0006540 , L0006541 , L0006542
, L0006543 , L0006544 ,
L0006545 , L0006546 , L0006547 , L0006548 , L0006549 , L0006550
, L0006551 , L0006552 ,
L0006553 , L0006554 , L0006555 , L0006556 , L0006557 , L0006558
, L0006559 , L0006560 ,
L0006561 , L0006562 , L0006563 , L0006564 , L0006565 , L0006566
, L0006567 , L0006568 ,
L0006569 , L0006570 , L0006571 , L0006572 , L0006573 , L0006574
, L0006575 , L0006576 ,
L0006577 , L0006578 , L0006579 , L0006580 , L0006581 , L0006582
, L0006583 , L0006584 ,
L0006585 , L0006586 , L0006587 , L0006588 , L0006589 , L0006590
, L0006591 , L0006592 ,
L0006593 , L0006594 , L0006595 , L0006596 , L0006597 , L0006598
, L0006599 , L0006600 ,
L0006601 , L0006602 , L0006603 , L0006604 , L0006605 , L0006606
, L0006607 , L0006608 ,
L0006609 , L0006610 , L0006611 , L0006612 , L0006613 , L0006614
, L0006615 , L0006616 ,
L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622
, L0006623 , L0006624 ,
L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630
, L0006631 , L0006632 ,
L0006633 , L0006634 , L0006635 , L0006636 , L0006637 , L0006638
, L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646
, L0006647 , L0006648 ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654
, L0006655 , L0006656 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

SRCGROUP ID

SOURCE IDs

L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662
 , L0006663 , L0006664 ,
L0006665 , L0006666 , L0006667 , L0006668 , L0006669 , L0006670
 , L0006671 , L0006672 ,
L0006673 , L0006674 , L0006675 , L0006676 , L0006677 , L0006678
 , L0006679 , L0006680 ,
L0006681 , L0006682 , L0006683 , L0006684 , L0006685 , L0006686
 , L0006687 , L0006688 ,
L0006689 , L0006690 , L0006691 , L0006692 , L0006693 , L0006694
 , L0006695 , L0006696 ,
L0006697 , L0006698 , L0006699 , L0006700 , L0006701 , L0006702
 , L0006703 , L0006704 ,
L0006705 , L0006706 , L0006707 , L0006708 , L0006709 , L0006710
 , L0006711 , L0006712 ,
L0006713 , L0006714 , L0006715 , L0006716 , L0006717 , L0006718
 , L0006719 , L0006720 ,
L0006721 , L0006722 , L0006723 , L0006724 , L0006725 , L0006726
 , L0006727 , L0006728 ,
L0006729 , L0006730 , L0006731 , L0006732 , L0006733 , L0006734
 , L0006735 , L0006736 ,
L0006737 , L0006738 , L0006739 , L0006740 , L0006741 , L0006742
 , L0006743 , L0006744 ,
L0006745 , L0006746 , L0006747 , L0006748 , L0006749 , L0006750
 , L0006751 , L0006752 ,
L0006753 , L0006754 , L0006755 , L0006756 , L0006757 , L0006758
 , L0006759 , L0006760 ,
L0006761 , L0006762 , L0006763 , L0006764 , L0006765 , L0006766
 , L0006767 , L0006768 ,
L0006769 , L0006770 , L0006771 , L0006772 , L0006773 , L0006774
 , L0006775 , L0006776 ,
L0006777 , L0006778 , L0006779 , L0006780 , L0006781 , L0006782
 , L0006783 , L0006784 ,
L0006785 , L0006786 , L0006787 , L0006788 , L0006789 , L0006790
 , L0006791 , L0006792 ,
L0006793 , L0006794 , L0006795 , L0006796 , L0006797 , L0006798
 , L0006799 , L0006800 ,
L0006801 , L0006802 , L0006803 , L0006804 , L0006805 , L0006806
 , L0006807 , L0006808 ,
L0006809 , L0006810 , L0006811 , L0006812 , L0006813 , L0006814
 , L0006815 , L0006816 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID
-----SOURCE IDs

L0006817	, L0006818	, L0006819	, L0006820	, L0006821	, L0006822
, L0006823	, L0006824	,			
L0006825	, L0006826	, L0006827	, L0006828	, L0006829	, L0006830
, L0006831	, L0006832	,			
L0006833	, L0006834	, L0006835	, L0006836	, L0006837	, L0006838
, L0006839	, L0006840	,			
L0006841	, L0006842	, L0006843	, L0006844	, L0006845	, L0006846
, L0006847	, L0006848	,			
L0006849	, L0006850	, L0006851	, L0006852	, L0006853	, L0006854
, L0006855	, L0006856	,			
L0006857	, L0006858	, L0006859	, L0006860	, L0006861	, L0006862
, L0006863	, L0006864	,			
L0006865	, L0006866	, L0006867	, L0006868	, L0006869	, L0006870
, L0006871	, L0006872	,			
L0006873	, L0006874	, L0006875	, L0006876	, L0006877	, L0006878
, L0006879	, L0006880	,			
L0006881	, L0006882	, L0006883	, L0006884	, L0006885	, L0006886
, L0006887	, L0006888	,			
L0006889	, L0006890	, L0006891	, L0006892	, L0006893	, L0006894
, L0006895	, L0006896	,			
L0006897	, L0006898	, L0006899	, L0006900	, L0006901	, L0006902
, L0006903	, L0006904	,			
L0006905	, L0006906	, L0006907	, L0006908	, L0006909	, L0006910
, L0006911	, L0006912	,			
L0006913	, L0006914	, L0006915	, L0006916	, L0006917	, L0006918
, L0006919	, L0006920	,			
L0006921	, L0006922	, L0006923	, L0006924	, L0006925	, L0006926
, L0006927	, L0006928	,			
L0006929	, L0006930	, L0006931	, L0006932	, L0006933	, L0006934
, L0006935	, L0006936	,			
L0006937	, L0006938	, L0006939	, L0007015	, L0007016	, L0007017
, L0007018	, L0007019	,			
L0007020	, L0007021	, L0007022	, L0007023	, L0007024	, L0007025
, L0007026	, L0007027	,			
L0007028	, L0007029	, L0007030	, L0007031	, L0007032	, L0007033
, L0007034	, L0007035	,			

L0007036 , L0007037 , L0007038 , L0007039 , L0007040 , L0007041
, L0007042 , L0007043 ,

L0007044 , L0007045 , L0007046 , L0007047 , L0007048 , L0007049
, L0007050 , L0007051 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 51

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0007052 , L0007053 , L0007054 , L0007055 , L0007056 , L0007057
, L0007058 , L0007059 ,

L0007060 , L0007061 , L0007062 , L0007063 , L0007064 , L0007065
, L0007066 , L0007067 ,

L0007068 , L0007069 , L0007070 , L0007071 , L0007072 , L0007073
, L0007074 , L0007075 ,

L0007076 , L0007077 , L0007078 , L0007079 , L0007080 , L0007081
, L0007082 , L0007083 ,

L0007084 , L0007085 , L0007086 , L0007087 , L0007088 , L0007089 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP

SOURCE IDs

L0004889 , 2189641. L0004882 , L0004883 , L0004884 , L0004885 , L0004886 ,
, L0004887 , L0004888 ,

L0004890 , L0004891 , L0004892 , L0004893 , L0004894 , L0004895
, L0004896 , L0004897 ,

L0004898 , L0004899 , L0004900 , L0004901 , L0004902 , L0004903
, L0004904 , L0004905 ,

L0004906 , L0004907 , L0004908 , L0004909 , L0004910 , L0004911
, L0004912 , L0004913 ,

L0004914 , L0004915 , L0004916 , L0004917 , L0004918 , L0004919
, L0004920 , L0004921 ,

L0004922 , L0004923 , L0004924 , L0004925 , L0004926 , L0004927
, L0004928 , L0004929 ,

L0004930 , L0004931 , L0004932 , L0004933 , L0004934 , L0004935
 , L0004936 , L0004937 ,
 L0004938 , L0004939 , L0004940 , L0004941 , L0004942 , L0004943
 , L0004944 , L0004945 ,
 L0004946 , L0004947 , L0004948 , L0004949 , L0004950 , L0004951
 , L0004952 , L0004953 ,
 L0004954 , L0004955 , L0004956 , L0004957 , L0004958 , L0004959
 , L0004960 , L0004961 ,
 L0004962 , L0004963 , L0004964 , L0004965 , L0004966 , L0004967
 , L0004968 , L0004969 ,
 L0004970 , L0004971 , L0004972 , L0004973 , L0004974 , L0004975
 , L0004976 , L0004977 ,
 L0004978 , L0004979 , L0004980 , L0004981 , L0004982 , L0004983
 , L0004984 , L0004985 ,
 L0004986 , L0004987 , L0004988 , L0004989 , L0004990 , L0004991
 , L0004992 , L0004993 ,
 L0004994 , L0006025 , L0006026 , L0006027 , L0006028 , L0006029
 , L0006030 , L0006031 ,
 L0006032 , L0006033 , L0006034 , L0006035 , L0006036 , L0006037
 , L0006038 , L0006039 ,
 L0006040 , L0006041 , L0006042 , L0006043 , L0006044 , L0006045
 , L0006046 , L0006047 ,
 L0006048 , L0006049 , L0006050 , L0006051 , L0006052 , L0006053
 , L0006054 , L0006055 ,
 L0006056 , L0006057 , L0006058 , L0006059 , L0006060 , L0006061
 , L0006062 , L0006063 ,
 L0006064 , L0006065 , L0006066 , L0006067 , L0006068 , L0006069
 , L0006070 , L0006071 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0006072	L0006073	L0006074	L0006075	L0006076	L0006077		
, L0006078	, L0006079	,					
L0006080	L0006081	L0006082	L0006083	L0006084	L0006085		
, L0006086	, L0006087	,					
L0006088	L0006089	L0006090	L0006091	L0006092	L0006093		
, L0006094	, L0006095	,					

L0006096 , L0006097 , L0006098 , L0006099 , L0006100 , L0006101
 , L0006102 , L0006103 ,
 L0006104 , L0006105 , L0006106 , L0006107 , L0006108 , L0006109
 , L0006110 , L0006111 ,
 L0006112 , L0006113 , L0006114 , L0006115 , L0006116 , L0006117
 , L0006118 , L0006119 ,
 L0006120 , L0006121 , L0006122 , L0006123 , L0006124 , L0006125
 , L0006126 , L0006127 ,
 L0006128 , L0006129 , L0006130 , L0006131 , L0006132 , L0006133
 , L0006134 , L0006135 ,
 L0006136 , L0006137 , L0006138 , L0006139 , L0006140 , L0006141
 , L0006142 , L0006143 ,
 L0006144 , L0006145 , L0006146 , L0006147 , L0003908 , L0003909
 , L0003910 , L0003911 ,
 L0003912 , L0003913 , L0003914 , L0003915 , L0003916 , L0003917
 , L0003918 , L0003919 ,
 L0003920 , L0003921 , L0003922 , L0003923 , L0003924 , L0003925
 , L0003926 , L0003927 ,
 L0003928 , L0003929 , L0003930 , L0003931 , L0003932 , L0003933
 , L0003934 , L0003935 ,
 L0003936 , L0003937 , L0003938 , L0003939 , L0003940 , L0003941
 , L0003942 , L0003943 ,
 L0003944 , L0003945 , L0003946 , L0003947 , L0003948 , L0003949
 , L0003950 , L0003951 ,
 L0003952 , L0003953 , L0003954 , L0003955 , L0003956 , L0003957
 , L0003958 , L0003959 ,
 L0003960 , L0003961 , L0003962 , L0003963 , L0003964 , L0003965
 , L0003966 , L0003967 ,
 L0003968 , L0003969 , L0003970 , L0003971 , L0003972 , L0003973
 , L0003974 , L0003975 ,
 L0003976 , L0003977 , L0003978 , L0003979 , L0003980 , L0003981
 , L0003982 , L0003983 ,
 L0003984 , L0003985 , L0003986 , L0003987 , L0003988 , L0003989
 , L0003990 , L0003991 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 54

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0003992	, L0003993	, L0003994 , L0003995 , L0003996 , L0003997

```

, L0003998      , L0003999      ,
L0004000      , L0004001      , L0004002      , L0004003      , L0004004      , L0004005
, L0004006      , L0004007      ,
L0004008      , L0004009      , L0004010      , L0004011      , L0004012      , L0004013
, L0004014      , L0004015      ,
L0004016      , L0004017      , L0004018      , L0004019      , L0004020      , L0004021
, L0004022      , L0004023      ,
L0004024      , L0004025      , L0004026      , L0004027      , L0004028      , L0004029
, L0004030      , VOL1      ,
VOL2      , VOL3      , VOL4      , VOL5      , 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      , L0003705      , L0003706      , L0003707      , L0003708      , L0003709
, L0003710      , L0003711      ,
L0003712      , L0003713      , L0003714      , L0003715      , L0003716      , L0003717
, L0003718      , L0003719      ,
L0003720      , L0003721      , L0003722      , L0003723      , L0004202      , L0004203
, L0004204      , L0004205      ,
L0004206      , L0004207      , L0004208      , L0004209      , L0004210      , L0004211
, L0004212      , L0004213      ,
L0004214      , L0004215      , L0004216      , L0004217      , L0004218      , L0004219
, L0004220      , L0004221      ,
L0004222      , L0004223      , L0004224      , L0004225      , L0004226      , L0004227
, L0004228      , L0004229      ,
L0004230      , L0004231      , L0004232      , L0004233      , L0004234      , L0004235
, L0004236      , L0004237      ,
L0004238      , L0004239      , L0004240      , L0004241      , L0004242      , L0004243
, L0004244      , L0004245      ,
L0004246      , L0006334      , L0006335      , L0006336      , L0006337      , L0006338
, L0006339      , L0006340      ,
L0006341      , L0006342      , L0006343      , L0006344      , L0006345      , L0006346
, L0006347      , L0006348      ,
L0006349      , L0006350      , L0006351      , L0006352      , L0006353      , L0004266
, L0004267      , L0004268      ,

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
***

```

*** 14:46:58

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

URBAN ID -----	URBAN POP -----	SOURCE IDs -----					
L0004269 , L0004275	, L0004270 , L0004276	, L0004271 ,	, L0004272 ,	, L0004273 ,	, L0004274		
L0004277 , L0004283	, L0004278 , L0004284	, L0004279 ,	, L0004280 ,	, L0004281 ,	, L0004282		
L0004285 , L0004291	, L0004286 , L0004292	, L0004287 ,	, L0004288 ,	, L0004289 ,	, L0004290		
L0004293 , L0004299	, L0004294 , L0004300	, L0004295 ,	, L0004296 ,	, L0004297 ,	, L0004298		
L0004301 , L0004307	, L0004302 , L0004308	, L0004303 ,	, L0004304 ,	, L0004305 ,	, L0004306		
L0004309 , L0006356	, L0004310 , L0006357	, L0004311 ,	, L0004312 ,	, L0006354 ,	, L0006355		
L0006358 , L0006364	, L0006359 , L0006365	, L0006360 ,	, L0006361 ,	, L0006362 ,	, L0006363		
L0006366 , L0006372	, L0006367 , L0006373	, L0006368 ,	, L0006369 ,	, L0006370 ,	, L0006371		
L0006374 , L0006380	, L0006375 , L0006381	, L0006376 ,	, L0006377 ,	, L0006378 ,	, L0006379		
L0006382 , L0006388	, L0006383 , L0006389	, L0006384 ,	, L0006385 ,	, L0006386 ,	, L0006387		
L0006390 , L0006396	, L0006391 , L0006397	, L0006392 ,	, L0006393 ,	, L0006394 ,	, L0006395		
L0006398 , L0006404	, L0006399 , L0006405	, L0006400 ,	, L0006401 ,	, L0006402 ,	, L0006403		
L0006406 , L0006412	, L0006407 , L0006413	, L0006408 ,	, L0006409 ,	, L0006410 ,	, L0006411		
L0006414 , L0006420	, L0006415 , L0006421	, L0006416 ,	, L0006417 ,	, L0006418 ,	, L0006419		
L0006422 , L0006428	, L0006423 , L0006429	, L0006424 ,	, L0006425 ,	, L0006426 ,	, L0006427		
L0006430 , L0006436	, L0006431 , L0006437	, L0006432 ,	, L0006433 ,	, L0006434 ,	, L0006435		
L0006438 , L0006444	, L0006439 , L0006445	, L0006440 ,	, L0006441 ,	, L0006442 ,	, L0006443		
L0006446 , L0006452	, L0006447 , L0006453	, L0006448 ,	, L0006449 ,	, L0006450 ,	, L0006451		
L0006454 , L0006460	, L0006455 , L0006461	, L0006456 ,	, L0006457 ,	, L0006458 ,	, L0006459		
L0006462 , L0005282	, L0005277 , L0005283	, L0005278 ,	, L0005279 ,	, L0005280 ,	, L0005281		

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0005284 , L0005290	L0005285 , L0005291	L0005286 ,	L0005287 ,	L0005288 ,	L0005289 ,	L0005292 , L0005298	L0005293 , L0005299
L0005300 , L0005306	L0005301 , L0005307	L0005302 ,	L0005303 ,	L0005304 ,	L0005305 ,	L0005308 , L0005314	L0005309 , L0005315
L0005316 , L0005322	L0005317 , L0005323	L0005318 ,	L0005319 ,	L0005320 ,	L0005321 ,	L0005324 , L0005330	L0005325 , L0005331
L0005332 , L0005338	L0005333 , L0005339	L0005334 ,	L0005335 ,	L0005336 ,	L0005337 ,	L0005340 , L0005346	L0005341 , L0005347
L0005348 , L0005354	L0005349 , L0005355	L0005350 ,	L0005351 ,	L0005352 ,	L0005353 ,	L0005356 , L0005362	L0005357 , L0005363
L0005364 , L0005370	L0005365 , L0005371	L0005366 ,	L0005367 ,	L0005368 ,	L0005369 ,	L0005372 , L0005378	L0005373 , L0005379
L0005380 , L0006463	L0005381 , L0006464	L0005382 ,	L0005383 ,	L0005384 ,	L0005385 ,	L0006465 , L0006471	L0006466 , L0006472
L0006473 , L0006479	L0006474 , L0006480	L0006475 ,	L0006476 ,	L0006477 ,	L0006478 ,	L0006481 , L0006487	L0006482 , L0006488
L0006489 , L0006495	L0006490 , L0006496	L0006491 ,	L0006492 ,	L0006493 ,	L0006494 ,		

L0006497 , L0006498 , L0006499 , L0006500 , L0006501 , L0006502
 , L0006503 , L0006504 ,
 L0006505 , L0006506 , L0006507 , L0006508 , L0006509 , L0006510
 , L0006511 , L0006512 ,
 L0006513 , L0006514 , L0006515 , L0006516 , L0006517 , L0006518
 , L0006519 , L0006520 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 57

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0006521	, L0006522	, L0006523	, L0006524	, L0006525	, L0006526		
, L0006527	, L0006528	,					
L0006529	, L0006530	, L0006531	, L0006532	, L0006533	, L0006534		
, L0006535	, L0006536	,					
L0006537	, L0006538	, L0006539	, L0006540	, L0006541	, L0006542		
, L0006543	, L0006544	,					
L0006545	, L0006546	, L0006547	, L0006548	, L0006549	, L0006550		
, L0006551	, L0006552	,					
L0006553	, L0006554	, L0006555	, L0006556	, L0006557	, L0006558		
, L0006559	, L0006560	,					
L0006561	, L0006562	, L0006563	, L0006564	, L0006565	, L0006566		
, L0006567	, L0006568	,					
L0006569	, L0006570	, L0006571	, L0006572	, L0006573	, L0006574		
, L0006575	, L0006576	,					
L0006577	, L0006578	, L0006579	, L0006580	, L0006581	, L0006582		
, L0006583	, L0006584	,					
L0006585	, L0006586	, L0006587	, L0006588	, L0006589	, L0006590		
, L0006591	, L0006592	,					
L0006593	, L0006594	, L0006595	, L0006596	, L0006597	, L0006598		
, L0006599	, L0006600	,					
L0006601	, L0006602	, L0006603	, L0006604	, L0006605	, L0006606		
, L0006607	, L0006608	,					
L0006609	, L0006610	, L0006611	, L0006612	, L0006613	, L0006614		
, L0006615	, L0006616	,					
L0006617	, L0006618	, L0006619	, L0006620	, L0006621	, L0006622		
, L0006623	, L0006624	,					
L0006625	, L0006626	, L0006627	, L0006628	, L0006629	, L0006630		
, L0006631	, L0006632	,					
L0006633	, L0006634	, L0006635	, L0006636	, L0006637	, L0006638		

, L0006639 , L0006640 ,
L0006641 , L0006642 , L0006643 , L0006644 , L0006645 , L0006646
, L0006647 , L0006648 , ,
L0006649 , L0006650 , L0006651 , L0006652 , L0006653 , L0006654
, L0006655 , L0006656 , ,
L0006657 , L0006658 , L0006659 , L0006660 , L0006661 , L0006662
, L0006663 , L0006664 , ,
L0006665 , L0006666 , L0006667 , L0006668 , L0006669 , L0006670
, L0006671 , L0006672 , ,
L0006673 , L0006674 , L0006675 , L0006676 , L0006677 , L0006678
, L0006679 , L0006680 , ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 58

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0006681	, L0006682	, L0006683	, L0006684	, L0006685	, L0006686		
, L0006687	, L0006688	,					
L0006689	, L0006690	, L0006691	, L0006692	, L0006693	, L0006694		
, L0006695	, L0006696	,					
L0006697	, L0006698	, L0006699	, L0006700	, L0006701	, L0006702		
, L0006703	, L0006704	,					
L0006705	, L0006706	, L0006707	, L0006708	, L0006709	, L0006710		
, L0006711	, L0006712	,					
L0006713	, L0006714	, L0006715	, L0006716	, L0006717	, L0006718		
, L0006719	, L0006720	,					
L0006721	, L0006722	, L0006723	, L0006724	, L0006725	, L0006726		
, L0006727	, L0006728	,					
L0006729	, L0006730	, L0006731	, L0006732	, L0006733	, L0006734		
, L0006735	, L0006736	,					
L0006737	, L0006738	, L0006739	, L0006740	, L0006741	, L0006742		
, L0006743	, L0006744	,					
L0006745	, L0006746	, L0006747	, L0006748	, L0006749	, L0006750		
, L0006751	, L0006752	,					
L0006753	, L0006754	, L0006755	, L0006756	, L0006757	, L0006758		
, L0006759	, L0006760	,					
L0006761	, L0006762	, L0006763	, L0006764	, L0006765	, L0006766		
, L0006767	, L0006768	,					
L0006769	, L0006770	, L0006771	, L0006772	, L0006773	, L0006774		
, L0006775	, L0006776	,					

L0006777 , L0006778 , L0006779 , L0006780 , L0006781 , L0006782
 , L0006783 , L0006784 , ,
 L0006785 , L0006786 , L0006787 , L0006788 , L0006789 , L0006790
 , L0006791 , L0006792 , ,
 L0006793 , L0006794 , L0006795 , L0006796 , L0006797 , L0006798
 , L0006799 , L0006800 , ,
 L0006801 , L0006802 , L0006803 , L0006804 , L0006805 , L0006806
 , L0006807 , L0006808 , ,
 L0006809 , L0006810 , L0006811 , L0006812 , L0006813 , L0006814
 , L0006815 , L0006816 , ,
 L0006817 , L0006818 , L0006819 , L0006820 , L0006821 , L0006822
 , L0006823 , L0006824 , ,
 L0006825 , L0006826 , L0006827 , L0006828 , L0006829 , L0006830
 , L0006831 , L0006832 , ,
 L0006833 , L0006834 , L0006835 , L0006836 , L0006837 , L0006838
 , L0006839 , L0006840 , ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 59

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0006841 , L0006847	L0006842 , L0006848	L0006843 ,	L0006844 ,	L0006845 ,	L0006846 ,	L0006847 ,	L0006848
L0006849 , L0006855	L0006850 , L0006856	L0006851 ,	L0006852 ,	L0006853 ,	L0006854 ,	L0006855 ,	L0006856
L0006857 , L0006863	L0006858 , L0006864	L0006859 ,	L0006860 ,	L0006861 ,	L0006862 ,	L0006863 ,	L0006864
L0006865 , L0006871	L0006866 , L0006872	L0006867 ,	L0006868 ,	L0006869 ,	L0006870 ,	L0006871 ,	L0006872
L0006873 , L0006879	L0006874 , L0006880	L0006875 ,	L0006876 ,	L0006877 ,	L0006878 ,	L0006879 ,	L0006880
L0006881 , L0006887	L0006882 , L0006888	L0006883 ,	L0006884 ,	L0006885 ,	L0006886 ,	L0006887 ,	L0006888
L0006889 , L0006895	L0006890 , L0006896	L0006891 ,	L0006892 ,	L0006893 ,	L0006894 ,	L0006895 ,	L0006896
L0006897 , L0006903	L0006898 , L0006904	L0006899 ,	L0006900 ,	L0006901 ,	L0006902 ,	L0006903 ,	L0006904
L0006905 , L0006911	L0006906 , L0006912	L0006907 ,	L0006908 ,	L0006909 ,	L0006910 ,	L0006911 ,	L0006912

```

L0006913 , L0006914 , L0006915 , L0006916 , L0006917 , L0006918
, L0006919 , L0006920 ,
L0006921 , L0006922 , L0006923 , L0006924 , L0006925 , L0006926
, L0006927 , L0006928 ,
L0006929 , L0006930 , L0006931 , L0006932 , L0006933 , L0006934
, L0006935 , L0006936 ,
L0006937 , L0006938 , L0006939 , L0007015 , L0007016 , L0007017
, L0007018 , L0007019 ,
L0007020 , L0007021 , L0007022 , L0007023 , L0007024 , L0007025
, L0007026 , L0007027 ,
L0007028 , L0007029 , L0007030 , L0007031 , L0007032 , L0007033
, L0007034 , L0007035 ,
L0007036 , L0007037 , L0007038 , L0007039 , L0007040 , L0007041
, L0007042 , L0007043 ,
L0007044 , L0007045 , L0007046 , L0007047 , L0007048 , L0007049
, L0007050 , L0007051 ,
L0007052 , L0007053 , L0007054 , L0007055 , L0007056 , L0007057
, L0007058 , L0007059 ,
L0007060 , L0007061 , L0007062 , L0007063 , L0007064 , L0007065
, L0007066 , L0007067 ,
L0007068 , L0007069 , L0007070 , L0007071 , L0007072 , L0007073
, L0007074 , L0007075 ,

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

URBAN ID      URBAN POP      SOURCE IDs
-----
L0007076 , L0007077 , L0007078 , L0007079 , L0007080 , L0007081
, L0007082 , L0007083 ,

```

```

L0007084 , L0007085 , L0007086 , L0007087 , L0007088 , L0007089 ,

```

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 61

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0004882 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 62

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004883 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 63

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004884 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 64

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004885 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 65

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004886 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 66

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004887 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 67

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004888 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 68

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004889 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 69

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004890 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 70

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004891 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 71

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004892 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004893 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004894 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 74

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004895 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 75

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004896 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 76

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004897 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 77

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004898 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 78

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004899 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 79

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0004900 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004901 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004902 ; SOURCE TYPE = VOLUME :

Hourly scalar columns for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for hours 1-24.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for hours 1-24.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars for hours 1-24.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004903 ; SOURCE TYPE = VOLUME :

Hourly scalar columns for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for hours 1-24.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for hours 1-24.

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 83

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004904 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 84

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004905 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 85

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004906 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 86

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004907 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 87

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004908 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004909 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars (hours 1-24).

DAY OF WEEK = SATURDAY

Saturday emission rate scalars (hours 1-24).

DAY OF WEEK = SUNDAY

Sunday emission rate scalars (hours 1-24).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 89

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004910 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars (hours 1-24).

DAY OF WEEK = SATURDAY

Saturday emission rate scalars (hours 1-24).

DAY OF WEEK = SUNDAY

Sunday emission rate scalars (hours 1-24).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004911 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 91

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004912 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 92

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004913 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 93

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004914 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 94

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004915 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 95

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004916 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 96

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004917 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004918 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004919 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 99

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004920 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 100

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004921 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 101

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004922 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 102

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004923 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 103

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004924 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 104

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004925 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 105

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004926 ; 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

PAGE 106

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004927 ; 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

PAGE 107

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004928 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 108

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004929 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 109

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004930 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 110

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004931 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 111

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004932 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 112

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004933 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004934 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004935 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 115

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004936 ; SOURCE TYPE = VOLUME :

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					

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 116

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004937 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 117

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004938 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 118

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004939 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 119

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004940 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 120

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004941 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 121

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004942 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 122

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004943 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 123

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004944 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 124

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004945 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 125

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004946 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 126

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004947 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 127

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004948 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 128

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004949 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 129

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004950 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 130

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004951 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 131

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004952 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 132

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004953 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 133

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004954 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 134

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004955 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 135

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004956 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 136

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004957 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 137

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004958 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004959 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004960 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 140

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004961 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 141

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004962 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 142

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004963 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 143

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004964 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 144

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004965 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 145

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0004966 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 146

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004967 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 147

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004968 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (1-24 hours).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (1-24 hours).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (1-24 hours).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (1-24 hours).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 148

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004969 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (1-24 hours).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (1-24 hours).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (1-24 hours).

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 149

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004970 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 150

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004971 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 151

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004972 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 152

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004973 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 153

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004974 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 154

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004975 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 155

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004976 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 156

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004977 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 157

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004978 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 158

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004979 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 159

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004980 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 160

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004981 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 161

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004982 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 162

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004983 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004984 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004985 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 165

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004986 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 166

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004987 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 167

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004988 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 168

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004989 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 169

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004990 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 170

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004991 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 171

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004992 ; 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

PAGE 172

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004993 ; 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

PAGE 173

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004994 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 174

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006025 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 175

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006026 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 176

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006027 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 177

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006028 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 178

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006029 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006030 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006031 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 181

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006032 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 182

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006033 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 183

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006034 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 184

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006035 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 185

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006036 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 186

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006037 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 187

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006038 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 188

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006039 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 189

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006040 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 190

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006041 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 191

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 192

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006043 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 193

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006044 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 194

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006045 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 195

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006046 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 196

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006047 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 197

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006048 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 198

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006049 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 199

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006050 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 200

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006051 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 201

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006052 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 202

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006052 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 203

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006054 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006055 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006056 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 206

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006057 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 207

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006058 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 208

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006059 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 209

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006060 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 210

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006061 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 211

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006062 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 212

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006063 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 213

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006064 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data rows 1-24

DAY OF WEEK = SATURDAY

Saturday scalar data rows 1-24

DAY OF WEEK = SUNDAY

Sunday scalar data rows 1-24

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 214

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006065 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data rows 1-24

DAY OF WEEK = SATURDAY

Saturday scalar data rows 1-24

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 215

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006066 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 216

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006067 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 217

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006068 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 218

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006069 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 219

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006070 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 220

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006071 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 221

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006072 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 222

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006073 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 223

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006074 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 224

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006075 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 225

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006076 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 226

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006077 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 227

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006078 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 228

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006079 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006080 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006081 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 231

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006082 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 232

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006083 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 233

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006084 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 234

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006085 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 235

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006086 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 236

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006087 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 237

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006088 ; 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

PAGE 238

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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
.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
.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

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

PAGE 239

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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
.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
.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 240

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006091 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 241

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006092 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 242

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006093 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 243

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006094 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 244

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006095 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006096 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006097 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 247

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006098 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 248

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006099 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 249

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006100 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 250

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006101 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 251

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006102 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 252

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006103 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 253

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006104 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006105 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006106 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 256

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006107 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 257

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006108 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 258

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006109 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 259

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006110 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 260

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006111 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 261

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006112 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 262

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006113 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 263

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006114 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 264

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006115 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 265

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006116 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 266

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006117 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 267

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006118 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 268

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006119 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 269

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006120 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006121 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006122 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 272

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006123 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 273

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006124 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 274

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006125 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 275

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006126 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 276

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006127 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 277

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006128 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 278

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006129 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 279

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006130 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 280

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006131 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 281

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006132 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 282

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006133 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 283

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006134 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 284

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006135 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 285

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006136 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 286

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006137 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 287

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006138 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00.

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 288

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006139 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 289

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006140 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 290

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006141 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 291

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006142 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 292

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006143 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 293

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006144 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 294

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006145 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006146 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006147 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 297

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003908 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 298

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003909 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 299

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003910 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 300

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003911 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 301

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003912 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 302

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003913 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 303

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003914 ; 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

PAGE 304

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003915 ; 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

PAGE 305

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003916 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 306

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003917 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 307

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003918 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 308

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003919 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 309

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003920 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 310

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003921 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003922 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003923 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 313

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003924 ; SOURCE TYPE = VOLUME :

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					

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 314

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003925 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 315

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003926 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 316

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003927 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 317

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003928 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 318

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003929 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 319

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003930 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 320

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003931 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 321

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003932 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 322

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003933 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 323

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003934 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 324

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003935 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 325

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003936 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 326

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003937 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 327

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003938 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 328

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003939 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 329

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003940 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 330

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003941 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 331

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003942 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 332

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003943 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 333

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003944 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 334

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003945 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 335

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003946 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003947 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003948 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 338

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003949 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 339

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003950 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 340

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003951 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 341

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003952 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 342

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003953 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 343

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0003954 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 344

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003955 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 345

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003956 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data rows 1-24

DAY OF WEEK = SATURDAY

Saturday scalar data rows 1-24

DAY OF WEEK = SUNDAY

Sunday scalar data rows 1-24

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 346

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003957 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data rows 1-24

DAY OF WEEK = SATURDAY

Saturday scalar data rows 1-24

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 347

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0003958 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 348

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0003959 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 349

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003960 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 350

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003961 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 351

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003962 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 352

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003963 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 353

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003964 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 354

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003965 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 355

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003966 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 356

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003967 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 357

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003968 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 358

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003969 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 359

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003970 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 360

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003971 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003972 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003973 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 363

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003974 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 364

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003975 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 365

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003976 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 366

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003977 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 367

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003978 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 368

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003979 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 369

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003980 ; 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

PAGE 370

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003981 ; 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

PAGE 371

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003982 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 372

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003983 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 373

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003984 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 374

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003985 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 375

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003986 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 376

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003987 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003988 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003989 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 379

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003990 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 380

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003991 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 381

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003992 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 382

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003993 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 383

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003994 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 384

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003995 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 385

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003996 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 386

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003997 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 387

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003998 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 388

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003999 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 389

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004000 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 390

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004001 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 391

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004002 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 392

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004003 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 393

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004004 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 394

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004005 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 395

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004006 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 396

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004007 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 397

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004008 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 398

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004009 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 399

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004010 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 400

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004011 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 401

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004012 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004013 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004014 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 404

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004015 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 405

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004016 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 406

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004017 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 407

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004018 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 408

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004019 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 409

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0004020 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 410

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004021 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 411

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004022 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 412

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004023 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 413

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004024 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 414

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004025 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 415

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004026 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 416

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004027 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 417

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004028 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 418

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004029 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for source L0004029, showing values for Weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 419

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004030 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for source L0004030, showing values for Weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars: 1-8: 0.0000E+00, 9-16: 0.0000E+00.

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 420

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL1 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 421

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL2 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 422

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL3 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 423

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL4 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 424

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL5 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 425

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 426

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV 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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 429

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 430

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 431

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 432

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 433

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 434

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 435

*** MODELOPTs: RegDFAULT CONC ELEV 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

DAY OF WEEK = SUNDAY

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

PAGE 436

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY												
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY												
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

PAGE 437

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY												
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 438

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 439

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 440

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 441

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 442

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 445

*** MODELOPTs: RegDFAULT CONC ELEV 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

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 446

*** MODELOPTs: RegDFAULT CONC ELEV 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

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 447

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 448

*** MODELOPTs: RegDFAULT CONC ELEV 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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 449

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 450

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 451

*** MODELOPTs: RegDFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 452

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 453

*** MODELOPTs: RegDEFAULT CONC ELEV 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 454

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003705 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 455

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003706 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 456

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003707 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 457

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003708 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 458

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003709 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 459

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003710 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 460

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003711 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 461

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003712 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 462

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003713 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 463

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003714 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 464

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003715 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 465

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003716 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 466

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003717 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 467

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003718 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003719 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003720 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 470

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003721 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 471

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003722 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 472

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0003723 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 473

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004202 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 474

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004203 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 475

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0004204 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 476

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004205 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 477

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004206 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (hours 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (hours 1-24).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 478

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004207 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (hours 1-24).

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 479

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004208 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 480

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004209 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 481

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004210 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 482

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004211 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 483

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004212 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 484

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004213 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 485

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004214 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 486

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004215 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 487

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004216 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 488

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004217 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 489

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004218 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 490

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004219 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 491

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004220 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 492

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004221 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004222 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004222 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 495

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004224 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 496

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004225 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 497

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004226 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 498

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004227 ; 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 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** ** 14:46:58

PAGE 499

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004228 ; 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 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** ** 14:46:58

PAGE 500

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004229 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 501

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004230 ; 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

PAGE 502

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004231 ; 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

PAGE 503

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004232 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 504

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004233 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 505

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004234 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 506

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004235 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 507

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004236 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 508

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004237 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004238 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004239 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 511

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004240 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 512

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004241 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 513

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004242 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 514

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004243 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 515

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004244 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 516

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004245 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 517

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004246 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006334 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006335 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 520

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006336 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 521

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006337 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 522

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006338 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 523

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006339 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 524

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006340 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 525

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006341 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 526

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006342 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 527

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006343 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 528

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006344 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 529

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006345 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 530

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006346 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 531

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006347 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 532

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006348 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 533

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006349 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006350 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006351 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 536

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006352 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 537

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006353 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 538

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004266 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 539

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004267 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 540

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004268 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 541

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0004269 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 542

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004270 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 543

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004271 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data rows 1-24

DAY OF WEEK = SATURDAY

Saturday scalar data rows 1-24

DAY OF WEEK = SUNDAY

Sunday scalar data rows 1-24

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 544

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004272 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data rows 1-24

DAY OF WEEK = SATURDAY

Saturday scalar data rows 1-24

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 545

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004273 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 546

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004274 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 547

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004275 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 548

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004276 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 549

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004277 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 550

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004278 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 551

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004279 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

```

PAGE 552

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0004280 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

```

PAGE 553

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0004281 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 554

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004282 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 555

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004283 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 556

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004284 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 557

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004285 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 558

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004286 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004287 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Sunday.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004288 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 6 columns (1-6) and 1 row of scalar values for Sunday.

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 561

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004289 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 562

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004290 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 563

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004291 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 564

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004292 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 565

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004293 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 566

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004294 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 567

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004295 ; 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

PAGE 568

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004296 ; 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

PAGE 569

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004297 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 570

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004298 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 571

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004299 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 572

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004300 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 573

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004301 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 574

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004302 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004303 ; SOURCE TYPE = VOLUME :
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004304 ; SOURCE TYPE = VOLUME :
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 577

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004305 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 578

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004306 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 579

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004307 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 580

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004308 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 581

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004309 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 582

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004310 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 583

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0004311 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 584

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0004312 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 585

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006354 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 586

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006355 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 587

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006356 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 588

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006357 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 589

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006358 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 590

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006359 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 591

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006360 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 592

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006361 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 593

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006362 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 594

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006363 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 595

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006364 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 596

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006365 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 597

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006366 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 598

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006367 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 599

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006368 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006369 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006370 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 602

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006371 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 603

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006372 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 604

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006373 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 605

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006374 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 606

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006375 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 607

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006376 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 608

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006377 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 609

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006378 ; SOURCE TYPE = VOLUME :

Hourly scalar columns for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for hours 1-24.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for hours 1-24.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars for hours 1-24.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 610

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006379 ; SOURCE TYPE = VOLUME :

Hourly scalar columns for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for hours 1-24.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for hours 1-24.

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 611

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006380 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 612

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006381 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 613

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006382 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 614

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006382 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 615

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006384 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 616

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006385 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-24 hours, all values are 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 617

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006386 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-16 hours, all values are 0.0000E+00.

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 618

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006387 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 619

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006388 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 620

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006389 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 621

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006390 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 622

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006391 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 623

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006392 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 624

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006393 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006394 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006395 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 627

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006396 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 628

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006397 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 629

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006398 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 630

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006399 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 631

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006400 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 632

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006401 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 633

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006402 ; 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

PAGE 634

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006403 ; 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

PAGE 635

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006404 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 636

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006405 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 637

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006406 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 638

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006407 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 639

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006408 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 640

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006409 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006410 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006411 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 643

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006412 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 644

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006413 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 645

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006414 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 646

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006415 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 647

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006416 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 648

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006417 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 649

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006418 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 650

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006419 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 651

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006420 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 652

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006421 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 653

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006422 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 654

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006423 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 655

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006424 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 656

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006425 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 657

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006426 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 658

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006427 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 659

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006428 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 660

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006429 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 661

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006430 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 662

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006431 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 663

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006432 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 664

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006433 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 665

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006434 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006435 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006436 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 668

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006437 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 669

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006438 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 670

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006439 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 671

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006440 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 672

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006441 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 673

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006442 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 674

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006443 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 675

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006444 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (hours 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (hours 1-24).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 676

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006445 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (hours 1-24).

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 677

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0006446 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 678

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0006447 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 679

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006448 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

Separator line consisting of dashes

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 680

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006449 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 681

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006450 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 682

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006451 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 683

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006452 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 684

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006453 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 685

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006454 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 686

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006455 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 687

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006456 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 688

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006457 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 689

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006458 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 690

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006459 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006460 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006461 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 693

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006462 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 694

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005277 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 695

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005278 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 696

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005279 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 697

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005280 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 698

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005281 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 699

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005282 ; 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

PAGE 700

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005283 ; 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

PAGE 701

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005284 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 702

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005285 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 703

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005286 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 704

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005287 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 705

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005287 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 706

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005289 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005290 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005291 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 709

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005292 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 710

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005293 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 711

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005294 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 712

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005295 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 713

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005296 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 714

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005297 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 715

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005298 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 716

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005299 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 717

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005300 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 718

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005301 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 719

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005302 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 720

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005303 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 721

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005304 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 722

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005305 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 723

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005306 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 724

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005307 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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						

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 725

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005308 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 726

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005309 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 727

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005310 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 728

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005311 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 729

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005312 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 730

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005313 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 731

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005314 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005315 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005316 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 734

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005317 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 735

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005318 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 736

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005319 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 737

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005320 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 738

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005321 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 739

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0005322 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 740

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005323 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 741

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005324 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 742

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005325 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 743

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0005326 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 744

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0005327 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 745

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005328 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 746

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005329 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 747

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005330 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 748

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005331 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 749

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005332 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 750

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005333 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 751

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005334 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 752

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005335 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 753

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005336 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 754

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005337 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 755

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005338 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 756

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005339 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005340 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005341 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 759

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005342 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 760

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005343 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 761

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005344 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 762

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005345 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 763

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005346 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 764

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005347 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 765

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005348 ; 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

PAGE 766

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005349 ; 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

PAGE 767

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005350 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 768

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005351 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 769

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005352 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 770

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005353 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 771

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005354 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 772

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005355 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005356 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005357 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 775

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005358 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 776

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005359 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 777

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005360 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 778

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005361 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 779

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005362 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 780

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005363 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 781

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005364 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 782

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005365 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 783

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005366 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 784

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005367 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 785

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005368 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 786

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005369 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 787

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005370 ; 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 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 788

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005371 ; 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 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 789

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005372 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 790

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005373 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 791

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005374 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 792

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005375 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 793

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005376 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 794

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005377 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 795

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005378 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 796

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005379 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 797

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005380 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005381 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0005382 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 800

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005383 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 801

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005384 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 802

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0005385 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 803

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006463 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 804

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006464 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 805

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006465 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 806

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006466 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 807

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006467 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday emission rate data for hours 1-24

DAY OF WEEK = SATURDAY

Saturday emission rate data for hours 1-24

DAY OF WEEK = SUNDAY

Sunday emission rate data for hours 1-24

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 808

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006468 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday emission rate data for hours 1-24

DAY OF WEEK = SATURDAY

Saturday emission rate data for hours 1-24

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 809

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006469 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 810

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006470 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 811

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006471 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 812

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006472 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 813

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006473 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 814

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006474 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 815

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006475 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00.

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 816

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006476 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 817

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006477 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 818

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006478 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 819

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006479 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 820

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006480 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 821

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006481 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 822

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006482 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006483 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006484 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 825

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006485 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 826

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006486 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 827

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006487 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 828

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006488 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 829

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006489 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 830

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006490 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 831

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006491 ; 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

PAGE 832

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006492 ; SOURCE TYPE = VOLUME :

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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY												
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY												
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

PAGE 833

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006493 ; SOURCE TYPE = VOLUME :

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	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY												
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 834

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006494 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 835

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006495 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 836

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006496 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 837

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006497 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 838

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006498 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006499 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006500 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 841

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006501 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 842

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006502 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 843

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006503 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 844

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006504 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 845

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006505 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 846

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006506 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 847

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006507 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006508 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006509 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 850

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006510 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 851

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006511 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 852

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006512 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 853

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006513 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 854

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006514 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 855

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006515 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 856

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006516 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 857

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006517 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 858

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006518 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 859

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006519 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 860

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006520 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 861

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006521 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 862

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006522 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 863

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006523 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006524 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006525 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 866

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006526 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 867

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006527 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 868

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006528 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 869

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006529 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 870

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006530 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 871

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006531 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 872

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006532 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 873

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006533 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 874

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006534 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 875

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006535 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 876

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006536 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 877

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006537 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 878

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006538 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 879

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006539 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 880

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006540 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 881

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006541 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 882

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006542 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 883

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006543 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 884

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006544 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 885

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006545 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 886

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006546 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 887

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006547 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 888

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006548 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006549 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006550 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 1 row of scalar values for Sunday.

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 891

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006551 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 892

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006552 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 893

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006553 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 894

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006554 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 895

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006555 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 896

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006556 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 897

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006557 ; 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

PAGE 898

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006558 ; 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

PAGE 899

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006559 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 900

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006560 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 901

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006561 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 902

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006562 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 903

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006563 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 904

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006564 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006565 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006566 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 907

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006567 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF 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
.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	DAY OF WEEK = SATURDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	DAY OF WEEK = SUNDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	DAY OF WEEK = SUNDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	DAY OF WEEK = SUNDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	DAY OF WEEK = SUNDAY					

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

```

PAGE 908

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006568 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF 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
.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	DAY OF WEEK = SATURDAY					
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	DAY OF WEEK = SATURDAY					

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 909

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006569 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 910

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006570 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 911

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006571 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 912

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006572 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 913

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006573 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 914

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006574 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 915

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006575 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 916

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006576 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 917

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006577 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 918

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006578 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 919

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006579 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 920

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006580 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 921

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006581 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 922

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006582 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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			

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 923

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006583 ; SOURCE TYPE = VOLUME :

SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY
DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 924

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006584 ; SOURCE TYPE = VOLUME :

SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY	SCALAR	HOURLY
DAY OF 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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 925

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006585 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 926

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006586 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 927

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006587 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 928

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006587 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 929

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006589 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006590 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006591 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 932

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006592 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 933

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006593 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 934

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006594 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 935

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006595 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 936

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006596 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 937

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006597 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 938

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006598 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 939

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006599 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data for source L0006599, showing values from 1 to 24 hours.

DAY OF WEEK = SATURDAY

Saturday scalar data for source L0006599, showing values from 1 to 24 hours.

DAY OF WEEK = SUNDAY

Sunday scalar data for source L0006599, showing values from 1 to 24 hours.

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 940

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006600 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data for source L0006600, showing values from 1 to 24 hours.

DAY OF WEEK = SATURDAY

Saturday scalar data for source L0006600, showing values from 1 to 24 hours.

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 941

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006601 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 942

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006602 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 943

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006603 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 944

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006604 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 945

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006605 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 946

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006606 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 947

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006607 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 948

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006608 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 949

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006609 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 950

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006610 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 951

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006611 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 952

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006612 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 953

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006613 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 954

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006614 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006615 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006616 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 1 row of scalar values for Sunday.

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 957

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006617 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 958

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006618 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 959

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006619 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 960

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006620 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 961

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006621 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 962

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006622 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 963

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006623 ; 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

PAGE 964

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006624 ; 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

PAGE 965

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006625 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 966

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006626 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 967

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006627 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 968

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006628 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 969

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006629 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 970

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006630 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006631 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006632 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 973

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006633 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 974

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006634 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 975

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006635 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 976

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006636 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 977

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006637 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 978

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006638 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 979

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006639 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 980

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006640 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 981

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006641 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 982

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006642 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 983

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006643 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 984

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006644 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 985

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006645 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 986

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006646 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 987

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006647 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 988

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006648 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 989

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006649 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 990

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006650 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 991

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006651 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 992

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006652 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 993

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006653 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 994

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006654 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 995

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006655 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006656 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006657 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 998

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006658 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 999

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006659 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1000

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006660 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1001

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006661 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1002

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006662 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1003

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006663 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1004

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006664 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1005

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006665 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday emission rate data for hours 1-24

DAY OF WEEK = SATURDAY

Saturday emission rate data for hours 1-24

DAY OF WEEK = SUNDAY

Sunday emission rate data for hours 1-24

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 1006

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006666 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday emission rate data for hours 1-24

DAY OF WEEK = SATURDAY

Saturday emission rate data for hours 1-24

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1007

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006667 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1008

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006668 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1009

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006669 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1010

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006670 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1011

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0006671 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1012

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006672 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1013

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006673 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1014

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006674 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1015

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006675 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1016

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006676 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1017

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006677 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1018

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006678 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1019

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006679 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1020

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006680 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1021

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006681 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

PAGE 1022

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006682 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1023

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006683 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1024

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006684 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1025

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006685 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1026

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006686 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1027

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006687 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1028

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006688 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1029

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006689 ; 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

PAGE 1030

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006690 ; 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

PAGE 1031

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006691 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1032

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006692 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1033

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006693 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1034

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006694 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1035

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006695 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1036

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006696 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006697 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006698 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 1039

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006699 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 1040

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006700 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1041

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006701 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1042

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006702 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1043

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006703 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1044

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006704 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1045

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006705 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 1046

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006706 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1047

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006707 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1048

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006708 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1049

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006709 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1050

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006710 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1051

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006711 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1052

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006712 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1053

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006713 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1054

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006714 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1055

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006715 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1056

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006716 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1057

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006717 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1058

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006718 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1059

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006719 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1060

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006720 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1061

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006721 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006722 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006723 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1064

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006724 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1065

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006725 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1066

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006726 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1067

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006727 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1068

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006728 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1069

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006729 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1070

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006730 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1071

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006731 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1072

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006732 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1073

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006733 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1074

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006734 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1075

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006735 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1076

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006736 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 1077

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006737 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 14:46:58

PAGE 1078

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006738 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1079

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006738 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-6: 0.0000E+00, 7-8: 0.0000E+00, 9-16: 0.1000E+01, 17-24: 0.0000E+00.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00, 17-24: 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-8: 0.0000E+00, 9-16: 0.0000E+00.

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1080

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006740 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1081

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006741 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1082

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006742 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1083

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006743 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1084

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006744 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1085

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006745 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1086

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006746 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006747 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006748 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1089

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006749 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1090

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006750 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1091

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006751 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1092

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006752 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1093

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006753 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1094

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006754 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1095

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006755 ; 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

PAGE 1096

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006756 ; 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
	.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
	.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
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

PAGE 1097

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006757 ; 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
	.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
	.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
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1098

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006758 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1099

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006759 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1100

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006760 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1101

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006761 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1102

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006762 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006763 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday. All values are .0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006764 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 3 rows of scalar values for Sunday. Values range from .0000E+00 to .1000E+01.

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1105

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006765 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1106

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006766 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1107

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006767 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1108

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006768 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1109

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006769 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1110

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006770 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1111

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006771 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 1112

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006772 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1113

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006773 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1114

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006774 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1115

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006775 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1116

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006776 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1117

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006777 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1118

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006778 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1119

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006779 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1120

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006780 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1121

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006781 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1122

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006782 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1123

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006783 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1124

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006784 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1125

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006785 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1126

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006786 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1127

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006787 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006788 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006789 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1130

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006790 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1131

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006791 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1132

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006792 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1133

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006793 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1134

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006794 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1135

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006795 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1136

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006796 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1137

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006797 ; SOURCE TYPE = VOLUME :

Hourly scalar data header: 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1138

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006798 ; SOURCE TYPE = VOLUME :

Hourly scalar data header: 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1139

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006799 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1140

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006800 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1141

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006801 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1142

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006802 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1143

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0006803 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1144

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006804 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-24 hours, all values are 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1145

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006805 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-16 hours, all values are 0.0000E+00.

```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 1146

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0006806 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 1147

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0006807 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1148

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006808 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1149

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006809 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1150

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006810 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1151

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006811 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1152

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006812 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006813 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006814 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1155

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006815 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1156

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006816 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1157

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006817 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1158

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006818 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1159

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006819 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1160

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006820 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1161

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006821 ; 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

PAGE 1162

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006822 ; 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

PAGE 1163

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006823 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1164

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006824 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1165

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006825 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1166

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006826 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1167

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006827 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1168

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006828 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006829 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006830 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1171

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006831 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1172

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006832 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1173

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006833 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1174

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006834 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 1175

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006835 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 1176

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006836 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1177

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006837 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 1178

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006838 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1179

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006839 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1180

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006840 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1181

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006841 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1182

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006842 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1183

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006843 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1184

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006844 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1185

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006845 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1186

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006846 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1187

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006847 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1188

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006848 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 1189

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006849 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 1190

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006850 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1191

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006851 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1192

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006852 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1193

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006853 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006854 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006855 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1196

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006856 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1197

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006857 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1198

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006858 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1199

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006859 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1200

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006860 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1201

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006861 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1202

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006862 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1203

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006863 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 1204

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006864 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1205

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006865 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1206

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006866 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1207

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006867 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1208

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006868 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1209

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006869 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1210

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006870 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-24 hours, all values are 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1211

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006871 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for weekdays, Saturdays, and Sundays.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-16 hours, all values are 0.0000E+00.

```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 1212

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0006872 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
***
*** 14:46:58

```

PAGE 1213

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```

SOURCE ID = L0006873 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1214

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006874 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1215

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006875 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1216

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006876 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1217

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006877 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1218

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006878 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1219

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006879 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

PAGE 1220

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006880 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1221

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006881 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1222

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006882 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1223

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006883 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1224

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006884 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1225

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006885 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1226

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006886 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1227

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006887 ; 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

PAGE 1228

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006888 ; 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

PAGE 1229

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006889 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1230

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006890 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1231

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006891 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1232

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006892 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1233

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006893 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1234

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006894 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006895 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday. All values are .0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006896 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 3 rows of scalar values for Sunday. Values range from .0000E+00 to .1000E+01.

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1237

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006897 ; SOURCE TYPE = VOLUME :

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						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1238

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006898 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1239

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006899 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1240

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006900 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 1241

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006901 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 1242

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006902 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1243

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006903 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 1244

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006904 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1245

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006905 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1246

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006906 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1247

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006907 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1248

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006908 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1249

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006909 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1250

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *

SOURCE ID = L0006910 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1251

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006911 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1252

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006912 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	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						

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1253

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006913 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1254

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006914 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 1255

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006915 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** *** 14:46:58

PAGE 1256

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006916 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1257

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006917 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1258

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006918 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 1259

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006919 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006920 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006921 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1262

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006922 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1263

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006923 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1264

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006924 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1265

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006925 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1266

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006926 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1267

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0006927 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1268

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006928 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1269

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006929 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1270

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006930 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday scalar data: 1 .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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1271

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006931 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1272

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006932 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1273

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006933 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR HR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1274

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006934 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR HR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1275

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006935 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1276

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006936 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1277

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0006937 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly emission rate scalars for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly emission rate scalars for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly emission rate scalars for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1278

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006938 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1279

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0006939 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1280

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007015 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1281

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007016 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1282

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007017 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1283

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007018 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1284

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007019 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007020 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Sunday. All values are .0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007021 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 6 columns (1-6) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 6 columns (1-6) and 1 row of scalar values for Sunday. All values are .0000E+00.

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1287

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007022 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1288

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007023 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1289

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007024 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1290

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007025 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1291

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007026 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1292

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007027 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 14:46:58

PAGE 1293

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007028 ; 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

PAGE 1294

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007029 ; 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

PAGE 1295

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007030 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1296

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007031 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1297

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007032 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1298

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007033 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1299

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007034 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1300

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007035 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007036 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday. All values are .0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007037 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 3 rows of scalar values for Sunday. Values range from .0000E+00 to .1000E+01.

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1303

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007038 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1304

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007039 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1305

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007040 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1306

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007041 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1307

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007042 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1308

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007043 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1309

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007044 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

PAGE 1310

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007045 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1311

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007046 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1312

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007047 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1313

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007048 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1314

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007049 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1315

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007050 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1316

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007051 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1317

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007052 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1318

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007053 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1319

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007054 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1320

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007055 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1321

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007056 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1322

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007057 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1323

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007058 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1324

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007059 ; SOURCE TYPE = VOLUME :

HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1325

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007060 ; SOURCE TYPE = VOLUME :
HR 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007061 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007062 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1328

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007063 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1329

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007064 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1330

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007065 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1331

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007066 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1332

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007067 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1333

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0007068 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1334

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007069 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee

PAGE 1335

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007070 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday emission rate data for source L0007070, showing scalars for hours 1-24.

DAY OF WEEK = SATURDAY

Saturday emission rate data for source L0007070, showing scalars for hours 1-24.

DAY OF WEEK = SUNDAY

Sunday emission rate data for source L0007070, showing scalars for hours 1-24.

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee

PAGE 1336

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007071 ; SOURCE TYPE = VOLUME :

Hourly scalar table header with columns: HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR, SCALAR, HOUR

DAY OF WEEK = WEEKDAY

Weekday emission rate data for source L0007071, showing scalars for hours 1-24.

DAY OF WEEK = SATURDAY

Saturday emission rate data for source L0007071, showing scalars for hours 1-24.

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1337

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007072 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1338

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007073 ; 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

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1339

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007074 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

14:46:58

PAGE 1340

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007075 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1341

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007076 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1342

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007077 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-24 hours, all values are 0.0000E+00.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1343

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007078 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Weekday emission rates: 1-24 hours, values range from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rates: 1-24 hours, all values are 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rates: 1-16 hours, all values are 0.0000E+00.

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1344

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007079 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1345

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007080 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1346

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007081 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1347

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007082 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1348

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007083 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1349

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007084 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1350

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007085 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1351

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007086 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday.

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***

PAGE 1352

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0007087 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 1 row of scalar values for Sunday.

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1353

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007088 ; 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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1354

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0007089 ; 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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 14:46:58

PAGE 1355

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482903.9, 3733274.3, 435.0, 435.0, 0.0); (483004.9,
3733280.9, 435.0, 435.0, 0.0);
(483243.6, 3733236.0, 436.0, 436.0, 0.0); (483264.6,
3733407.7, 436.0, 436.0, 0.0);
(483238.7, 3733517.3, 436.0, 436.0, 0.0); (483265.1,
3733637.7, 436.0, 436.0, 0.0);
(483303.1, 3733611.0, 436.0, 436.0, 0.0); (483302.9,
3733641.9, 436.0, 436.0, 0.0);
(483384.3, 3733572.8, 436.0, 436.0, 0.0); (483423.9,
3733572.6, 436.0, 436.0, 0.0);
(483498.5, 3733572.2, 437.0, 437.0, 0.0); (483293.6,
3733687.6, 436.0, 436.0, 0.0);
(483365.6, 3733684.5, 436.0, 436.0, 0.0); (483402.7,
3733683.6, 437.0, 437.0, 0.0);
(483502.6, 3733682.4, 437.0, 437.0, 0.0); (483564.9,
3733686.7, 437.0, 437.0, 0.0);
(483600.1, 3733682.9, 437.4, 437.4, 0.0); (483638.3,
3733683.8, 438.0, 438.0, 0.0);
(483700.0, 3733613.7, 438.0, 438.0, 0.0); (483700.0,
3733575.3, 438.0, 438.0, 0.0);
(484004.2, 3733371.8, 439.0, 439.0, 0.0); (483716.1,
3733033.8, 437.5, 437.5, 0.0);
(483692.6, 3732866.7, 437.0, 437.0, 0.0); (483596.0,
3732864.7, 437.0, 437.0, 0.0);
(482869.2, 3732844.8, 435.0, 435.0, 0.0); (482856.2,
3733633.6, 435.0, 435.0, 0.0);
(482951.7, 3733649.7, 435.0, 435.0, 0.0); (483091.5,
3733653.1, 435.0, 435.0, 0.0);
(483130.9, 3733647.6, 435.0, 435.0, 0.0); (483162.7,
3733571.4, 435.1, 435.1, 0.0);
(483749.7, 3733682.6, 438.0, 438.0, 0.0); (483789.0,
3733683.1, 438.0, 438.0, 0.0);
(483201.7, 3733934.3, 436.0, 436.0, 0.0); (484158.8,
3733885.1, 441.5, 441.5, 0.0);
(484124.8, 3733942.3, 441.2, 441.2, 0.0); (484180.6,
3733886.5, 442.0, 442.0, 0.0);
(484147.0, 3733304.5, 439.9, 439.9, 0.0); (484147.5,
3733236.7, 439.0, 439.0, 0.0);
(484135.8, 3733207.9, 439.0, 439.0, 0.0); (484136.3,
3733153.3, 439.0, 439.0, 0.0);
(484254.8, 3733359.1, 440.0, 440.0, 0.0); (484254.3,

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD	HT	REF	TA	HT													
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
335.	9.1	282.5	5.5														
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
142.	9.1	280.9	5.5														
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
324.	9.1	280.4	5.5														
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40		
294.	9.1	278.8	5.5														
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90		
205.	9.1	278.1	5.5														
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00			
0.40	3.	9.1	277.0	5.5													
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30		
99.	9.1	277.0	5.5														
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90		
319.	9.1	278.8	5.5														
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90		
239.	9.1	284.2	5.5														
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40		
188.	9.1	289.2	5.5														
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70		
310.	9.1	290.9	5.5														
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20		
357.	9.1	293.1	5.5														
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20		
356.	9.1	293.8	5.5														
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20		
50.	9.1	294.2	5.5														
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80		
53.	9.1	293.8	5.5														
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80		
11.	9.1	292.5	5.5														
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90		
351.	9.1	290.4	5.5														
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
186.	9.1	287.5	5.5														
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
275.	9.1	285.9	5.5														
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40		
181.	9.1	285.4	5.5														
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30		
318.	9.1	284.9	5.5														
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
196.	9.1	283.1	5.5														
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
330.	9.1	281.4	5.5														
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
332.	9.1	280.9	5.5														

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
 SOURCE GROUP: ONSITE ***
 INCLUDING SOURCE(S): L0004882 , L0004883 ,
 L0004884 , L0004885 , L0004886 ,
 L0004887 , L0004888 , L0004889 , L0004890 , L0004891 ,
 L0004892 , L0004893 , L0004894 ,
 L0004895 , L0004896 , L0004897 , L0004898 , L0004899 ,
 L0004900 , L0004901 , L0004902 ,
 L0004903 , L0004904 , L0004905 , L0004906 , L0004907 ,
 L0004908 , L0004909 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		** CONC OF DPM MICROGRAMS/M**3	IN	**	
(M)	CONC					X-COORD (M)	Y-COORD
482903.90	3733274.28	0.01662				483004.89	
3733280.86	0.02172						
483243.59	3733236.03	0.02393				483264.59	
3733407.72	0.02855						
483238.74	3733517.29	0.01501				483265.08	
3733637.70	0.01875						
483303.12	3733611.03	0.02029				483302.88	
3733641.90	0.01758						
483384.31	3733572.78	0.02792				483423.94	
3733572.60	0.02977						
483498.55	3733572.25	0.03038				483293.63	
3733687.56	0.01182						
483365.56	3733684.52	0.00881				483402.69	
3733683.63	0.00900						
483502.61	3733682.40	0.00915				483564.91	
3733686.69	0.00828						
483600.08	3733682.94	0.00792				483638.28	
3733683.83	0.00705						
483700.04	3733613.68	0.00848				483700.04	
3733575.30	0.01128						
484004.17	3733371.84	0.00237				483716.06	
3733033.81	0.01763						
483692.60	3732866.69	0.00919				483596.02	
3732864.73	0.01068						
482869.20	3732844.79	0.00500				482856.24	
3733633.61	0.00700						
482951.66	3733649.68	0.01074				483091.53	
3733653.10	0.01316						
483130.86	3733647.63	0.01182				483162.66	
3733571.36	0.00774						
483749.68	3733682.60	0.00450				483788.97	
3733683.09	0.00378						
483201.66	3733934.31	0.00247				484158.84	
3733885.07	0.00101						
484124.76	3733942.35	0.00102				484180.62	
3733886.49	0.00097						
484147.04	3733304.50	0.00151				484147.53	
3733236.72	0.00157						
484135.83	3733207.95	0.00165				484136.32	
3733153.34	0.00170						
484254.81	3733359.12	0.00113				484254.32	
3733403.01	0.00111						
483322.14	3733573.71						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 14:46:58

PAGE 1359

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
SOURCE GROUP: OFFSITE ***

INCLUDING SOURCE(S): L0006025 , L0006026 ,
L0006027 , L0006028 , L0006029 ,
L0006030 , L0006031 , L0006032 , L0006033 , L0006034 ,
L0006035 , L0006036 , L0006037 ,
L0006038 , L0006039 , L0006040 , L0006041 , L0006042 ,
L0006043 , L0006044 , L0006045 ,
L0006046 , L0006047 , L0006048 , L0006049 , L0006050 ,
L0006051 , L0006052 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
482903.90	3733274.28	0.02319		483004.89	
3733280.86	0.00459				
483243.59	3733236.03	0.00624		483264.59	
3733407.72	0.01163				
483238.74	3733517.29	0.00690		483265.08	
3733637.70	0.02210				
483303.12	3733611.03	0.01608		483302.88	
3733641.90	0.02074				
483384.31	3733572.78	0.00481		483423.94	
3733572.60	0.00426				
483498.55	3733572.25	0.00416		483293.63	
3733687.56	0.02008				
483365.56	3733684.52	0.01706		483402.69	
3733683.63	0.01727				
483502.61	3733682.40	0.01790		483564.91	
3733686.69	0.01397				
483600.08	3733682.94	0.01760		483638.28	
3733683.83	0.01781				
483700.04	3733613.68	0.04612		483700.04	
3733575.30	0.04721				
484004.17	3733371.84	0.00129		483716.06	
3733033.81	0.02112				
483692.60	3732866.69	0.03632		483596.02	
3732864.73	0.04048				
482869.20	3732844.79	0.01005		482856.24	
3733633.61	0.03097				
482951.66	3733649.68	0.02489		483091.53	
3733653.10	0.02732				
483130.86	3733647.63	0.02164		483162.66	
3733571.36	0.00585				
483749.68	3733682.60	0.01766		483788.97	
3733683.09	0.01593				
483201.66	3733934.31	0.00141		484158.84	
3733885.07	0.00055				
484124.76	3733942.35	0.00054		484180.62	
3733886.49	0.00052				

484147.04	3733304.50	0.00078	484147.53
3733236.72	0.00076		
484135.83	3733207.95	0.00077	484136.32
3733153.34	0.00076		
484254.81	3733359.12	0.00059	484254.32
3733403.01	0.00059		
483322.14	3733573.71		
0.00899			

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1360

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
 SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0004882 , L0004883 ,
 L0004884 , L0004885 , L0004886 ,
 L0004887 , L0004888 , L0004889 , L0004890 , L0004891 ,
 L0004892 , L0004893 , L0004894 ,
 L0004895 , L0004896 , L0004897 , L0004898 , L0004899 ,
 L0004900 , L0004901 , L0004902 ,
 L0004903 , L0004904 , L0004905 , L0004906 , L0004907 ,
 L0004908 , L0004909 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN **
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
(M)	CONC			
482903.90	3733274.28	0.03981	483004.89	
3733280.86	0.02631			
483243.59	3733236.03	0.03016	483264.59	
3733407.72	0.04018			
483238.74	3733517.29	0.02191	483265.08	
3733637.70	0.04085			
483303.12	3733611.03	0.03637	483302.88	
3733641.90	0.03831			
483384.31	3733572.78	0.03273	483423.94	
3733572.60	0.03403			
483498.55	3733572.25	0.03454	483293.63	
3733687.56	0.03190			
483365.56	3733684.52	0.02588	483402.69	
3733683.63	0.02627			
483502.61	3733682.40	0.02705	483564.91	
3733686.69	0.02224			
483600.08	3733682.94	0.02552	483638.28	
3733683.83	0.02486			
483700.04	3733613.68	0.05460	483700.04	
3733575.30	0.05849			
484004.17	3733371.84	0.00366	483716.06	
3733033.81	0.03876			
483692.60	3732866.69	0.04551	483596.02	
3732864.73	0.05115			
482869.20	3732844.79	0.01505	482856.24	
3733633.61	0.03797			
482951.66	3733649.68	0.03563	483091.53	
3733653.10	0.04049			
483130.86	3733647.63	0.03345	483162.66	

3733571.36	0.01359		
483749.68	3733682.60	0.02217	483788.97
3733683.09	0.01971		
483201.66	3733934.31	0.00389	484158.84
3733885.07	0.00156		
484124.76	3733942.35	0.00156	484180.62
3733886.49	0.00149		
484147.04	3733304.50	0.00229	484147.53
3733236.72	0.00233		
484135.83	3733207.95	0.00243	484136.32
3733153.34	0.00246		
484254.81	3733359.12	0.00172	484254.32
3733403.01	0.00171		
483322.14	3733573.71		
0.03319			

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1361

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

NETWORK

GROUP ID NETWORK AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ONSITE	1ST HIGHEST VALUE IS	0.03038 AT (	483498.55,	3733572.25,	437.00,
437.00,	0.00) DC				
	2ND HIGHEST VALUE IS	0.02977 AT (	483423.94,	3733572.60,	436.00,
	436.00, 0.00) DC				
	3RD HIGHEST VALUE IS	0.02855 AT (	483264.59,	3733407.72,	436.00,
	436.00, 0.00) DC				
	4TH HIGHEST VALUE IS	0.02792 AT (	483384.31,	3733572.78,	436.00,
	436.00, 0.00) DC				
	5TH HIGHEST VALUE IS	0.02420 AT (	483322.14,	3733573.71,	436.00,
	436.00, 0.00) DC				
	6TH HIGHEST VALUE IS	0.02393 AT (	483243.59,	3733236.03,	436.00,
	436.00, 0.00) DC				
	7TH HIGHEST VALUE IS	0.02172 AT (	483004.89,	3733280.86,	435.00,
	435.00, 0.00) DC				
	8TH HIGHEST VALUE IS	0.02029 AT (	483303.12,	3733611.03,	436.00,
	436.00, 0.00) DC				
	9TH HIGHEST VALUE IS	0.01875 AT (	483265.08,	3733637.70,	436.00,
	436.00, 0.00) DC				
	10TH HIGHEST VALUE IS	0.01763 AT (	483716.06,	3733033.81,	437.53,
	437.53, 0.00) DC				

OFFSITE	1ST HIGHEST VALUE IS	0.04721 AT (	483700.04,	3733575.30,	438.00,
438.00,	0.00) DC				
	2ND HIGHEST VALUE IS	0.04612 AT (	483700.04,	3733613.68,	438.00,
	438.00, 0.00) DC				
	3RD HIGHEST VALUE IS	0.04048 AT (	483596.02,	3732864.73,	437.00,
	437.00, 0.00) DC				
	4TH HIGHEST VALUE IS	0.03632 AT (	483692.60,	3732866.69,	437.00,

437.00, 0.00) DC
 5TH HIGHEST VALUE IS 0.03097 AT (482856.24, 3733633.61, 435.00,
 435.00, 0.00) DC
 6TH HIGHEST VALUE IS 0.02732 AT (483091.53, 3733653.10, 435.00,
 435.00, 0.00) DC
 7TH HIGHEST VALUE IS 0.02489 AT (482951.66, 3733649.68, 435.00,
 435.00, 0.00) DC
 8TH HIGHEST VALUE IS 0.02319 AT (482903.90, 3733274.28, 435.00,
 435.00, 0.00) DC
 9TH HIGHEST VALUE IS 0.02210 AT (483265.08, 3733637.70, 436.00,
 436.00, 0.00) DC
 10TH HIGHEST VALUE IS 0.02164 AT (483130.86, 3733647.63, 435.03,
 435.03, 0.00) DC

ALL 1ST HIGHEST VALUE IS 0.05849 AT (483700.04, 3733575.30, 438.00,
 438.00, 0.00) DC
 2ND HIGHEST VALUE IS 0.05460 AT (483700.04, 3733613.68, 438.00,
 438.00, 0.00) DC
 3RD HIGHEST VALUE IS 0.05115 AT (483596.02, 3732864.73, 437.00,
 437.00, 0.00) DC
 4TH HIGHEST VALUE IS 0.04551 AT (483692.60, 3732866.69, 437.00,
 437.00, 0.00) DC
 5TH HIGHEST VALUE IS 0.04085 AT (483265.08, 3733637.70, 436.00,
 436.00, 0.00) DC
 6TH HIGHEST VALUE IS 0.04049 AT (483091.53, 3733653.10, 435.00,
 435.00, 0.00) DC
 7TH HIGHEST VALUE IS 0.04018 AT (483264.59, 3733407.72, 436.00,
 436.00, 0.00) DC
 8TH HIGHEST VALUE IS 0.03981 AT (482903.90, 3733274.28, 435.00,
 435.00, 0.00) DC
 9TH HIGHEST VALUE IS 0.03876 AT (483716.06, 3733033.81, 437.53,
 437.53, 0.00) DC
 10TH HIGHEST VALUE IS 0.03831 AT (483302.88, 3733641.90, 436.00,
 436.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 14:46:58

PAGE 1362

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
 A Total of 4 Warning Message(s)
 A Total of 2028 Informational Message(s)
 A Total of 43824 Hours Were Processed
 A Total of 978 Calm Hours Identified
 A Total of 1050 Missing Hours Identified (2.40 Percent)

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

***** WARNING MESSAGES *****

ME W186	18816	MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	18816	MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET	
MX W450	17521	CHKDAT: Record Out of Sequence in Meteorological File at:	14010101
MX W450	17521	CHKDAT: Record Out of Sequence in Meteorological File at:	2 year gap

*** AERMOD Finishes Successfully ***

This page intentionally left blank

APPENDIX 2.6:

AERMOD MODEL INPUT/OUTPUT – SCENARIO 1 OPERATION

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 1/12/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Ops Scenario 1\14616
Ops Scenario 1.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14616 Ops Scenario 1.err"
CO FINISHED

**

** AERMOD Source Pathway

**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Bldg 1 W Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002842
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483380.317, 3733488.891, 436.00, 3.49, 4.00
** 483381.925, 3733114.633, 436.00, 3.49, 4.00

LOCATION	L0002388	VOLUME	483380.335	3733484.596	436.00
LOCATION	L0002389	VOLUME	483380.372	3733476.006	436.00
LOCATION	L0002390	VOLUME	483380.409	3733467.416	436.00
LOCATION	L0002391	VOLUME	483380.446	3733458.826	436.00
LOCATION	L0002392	VOLUME	483380.483	3733450.236	436.00
LOCATION	L0002393	VOLUME	483380.520	3733441.646	436.00
LOCATION	L0002394	VOLUME	483380.557	3733433.056	436.00
LOCATION	L0002395	VOLUME	483380.594	3733424.467	436.00
LOCATION	L0002396	VOLUME	483380.631	3733415.877	436.00
LOCATION	L0002397	VOLUME	483380.668	3733407.287	436.00
LOCATION	L0002398	VOLUME	483380.704	3733398.697	436.00
LOCATION	L0002399	VOLUME	483380.741	3733390.107	436.00
LOCATION	L0002400	VOLUME	483380.778	3733381.517	436.00
LOCATION	L0002401	VOLUME	483380.815	3733372.927	436.00
LOCATION	L0002402	VOLUME	483380.852	3733364.337	436.00
LOCATION	L0002403	VOLUME	483380.889	3733355.747	436.00

LOCATION	VOLUME				
L0002404	483380.926	3733347.157	436.00		
L0002405	483380.963	3733338.567	436.00		
L0002406	483381.000	3733329.977	436.00		
L0002407	483381.037	3733321.387	436.00		
L0002408	483381.074	3733312.798	436.00		
L0002409	483381.110	3733304.208	436.00		
L0002410	483381.147	3733295.618	436.00		
L0002411	483381.184	3733287.028	436.00		
L0002412	483381.221	3733278.438	436.00		
L0002413	483381.258	3733269.848	436.00		
L0002414	483381.295	3733261.258	436.00		
L0002415	483381.332	3733252.668	436.00		
L0002416	483381.369	3733244.078	436.00		
L0002417	483381.406	3733235.488	436.00		
L0002418	483381.443	3733226.898	436.00		
L0002419	483381.480	3733218.308	436.00		
L0002420	483381.516	3733209.719	436.00		
L0002421	483381.553	3733201.129	436.00		
L0002422	483381.590	3733192.539	436.00		
L0002423	483381.627	3733183.949	436.00		
L0002424	483381.664	3733175.359	436.00		
L0002425	483381.701	3733166.769	436.00		
L0002426	483381.738	3733158.179	436.00		
L0002427	483381.775	3733149.589	436.00		
L0002428	483381.812	3733140.999	436.00		
L0002429	483381.849	3733132.409	436.00		
L0002430	483381.885	3733123.819	436.00		
L0002431	483381.922	3733115.229	436.00		

** End of LINE VOLUME Source ID = SLINE1

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Bldg 1 E Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002842

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483622.318, 3733489.293, 437.00, 3.49, 4.00

** 483623.926, 3733115.035, 437.00, 3.49, 4.00

LOCATION	VOLUME				
L0002432	483622.337	3733484.998	437.00		
L0002433	483622.374	3733476.408	437.00		
L0002434	483622.411	3733467.818	437.00		
L0002435	483622.448	3733459.228	437.00		
L0002436	483622.484	3733450.638	437.00		
L0002437	483622.521	3733442.048	437.00		
L0002438	483622.558	3733433.458	437.00		
L0002439	483622.595	3733424.869	437.00		
L0002440	483622.632	3733416.279	437.00		
L0002441	483622.669	3733407.689	437.00		
L0002442	483622.706	3733399.099	437.00		
L0002443	483622.743	3733390.509	437.00		
L0002444	483622.780	3733381.919	437.00		
L0002445	483622.817	3733373.329	437.00		
L0002446	483622.853	3733364.739	437.00		
L0002447	483622.890	3733356.149	437.00		
L0002448	483622.927	3733347.559	437.00		
L0002449	483622.964	3733338.969	437.00		
L0002450	483623.001	3733330.379	437.00		
L0002451	483623.038	3733321.789	437.00		
L0002452	483623.075	3733313.200	437.00		
L0002453	483623.112	3733304.610	437.00		
L0002454	483623.149	3733296.020	437.00		

LOCATION	L0002455	VOLUME	483623.186	3733287.430	437.00
LOCATION	L0002456	VOLUME	483623.223	3733278.840	437.00
LOCATION	L0002457	VOLUME	483623.259	3733270.250	437.00
LOCATION	L0002458	VOLUME	483623.296	3733261.660	437.00
LOCATION	L0002459	VOLUME	483623.333	3733253.070	437.00
LOCATION	L0002460	VOLUME	483623.370	3733244.480	437.00
LOCATION	L0002461	VOLUME	483623.407	3733235.890	437.00
LOCATION	L0002462	VOLUME	483623.444	3733227.300	437.00
LOCATION	L0002463	VOLUME	483623.481	3733218.710	437.00
LOCATION	L0002464	VOLUME	483623.518	3733210.121	437.00
LOCATION	L0002465	VOLUME	483623.555	3733201.531	437.00
LOCATION	L0002466	VOLUME	483623.592	3733192.941	437.00
LOCATION	L0002467	VOLUME	483623.629	3733184.351	437.00
LOCATION	L0002468	VOLUME	483623.665	3733175.761	437.00
LOCATION	L0002469	VOLUME	483623.702	3733167.171	437.00
LOCATION	L0002470	VOLUME	483623.739	3733158.581	437.00
LOCATION	L0002471	VOLUME	483623.776	3733149.991	437.00
LOCATION	L0002472	VOLUME	483623.813	3733141.401	437.00
LOCATION	L0002473	VOLUME	483623.850	3733132.811	437.00
LOCATION	L0002474	VOLUME	483623.887	3733124.221	437.00
LOCATION	L0002475	VOLUME	483623.924	3733115.631	437.00

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Bldg 2 Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00005541

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482966.839, 3733137.590, 435.00, 3.49, 4.00

** 483181.107, 3733136.750, 436.00, 3.49, 4.00

**

LOCATION	L0002476	VOLUME	482971.134	3733137.573	435.00
LOCATION	L0002477	VOLUME	482979.724	3733137.539	435.00
LOCATION	L0002478	VOLUME	482988.314	3733137.505	435.00
LOCATION	L0002479	VOLUME	482996.904	3733137.472	435.00
LOCATION	L0002480	VOLUME	483005.494	3733137.438	435.00
LOCATION	L0002481	VOLUME	483014.084	3733137.405	435.00
LOCATION	L0002482	VOLUME	483022.674	3733137.371	435.00
LOCATION	L0002483	VOLUME	483031.264	3733137.337	435.00
LOCATION	L0002484	VOLUME	483039.854	3733137.304	435.00
LOCATION	L0002485	VOLUME	483048.443	3733137.270	435.00
LOCATION	L0002486	VOLUME	483057.033	3733137.236	435.00
LOCATION	L0002487	VOLUME	483065.623	3733137.203	435.00
LOCATION	L0002488	VOLUME	483074.213	3733137.169	435.00
LOCATION	L0002489	VOLUME	483082.803	3733137.135	435.00
LOCATION	L0002490	VOLUME	483091.393	3733137.102	435.00
LOCATION	L0002491	VOLUME	483099.983	3733137.068	435.00
LOCATION	L0002492	VOLUME	483108.573	3733137.034	435.00
LOCATION	L0002493	VOLUME	483117.163	3733137.001	435.00
LOCATION	L0002494	VOLUME	483125.753	3733136.967	435.00
LOCATION	L0002495	VOLUME	483134.343	3733136.933	435.09
LOCATION	L0002496	VOLUME	483142.933	3733136.900	435.27
LOCATION	L0002497	VOLUME	483151.523	3733136.866	435.46
LOCATION	L0002498	VOLUME	483160.113	3733136.832	435.64
LOCATION	L0002499	VOLUME	483168.703	3733136.799	435.74
LOCATION	L0002500	VOLUME	483177.292	3733136.765	435.85

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Bldg 1 Onsite W

```

** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001667
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 483305.258, 3733012.819, 436.00, 3.49, 4.00
** 483350.688, 3733012.015, 436.00, 3.49, 4.00
** 483360.739, 3733027.292, 436.00, 3.49, 4.00
** 483359.131, 3733549.538, 436.00, 3.49, 4.00
** 483358.729, 3733555.568, 436.00, 3.49, 4.00
** 483297.217, 3733556.372, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0002501      VOLUME  483309.552 3733012.743 436.00
LOCATION L0002502      VOLUME  483318.141 3733012.591 436.00
LOCATION L0002503      VOLUME  483326.730 3733012.439 436.00
LOCATION L0002504      VOLUME  483335.318 3733012.287 436.00
LOCATION L0002505      VOLUME  483343.907 3733012.135 436.00
LOCATION L0002506      VOLUME  483351.682 3733013.525 436.00
LOCATION L0002507      VOLUME  483356.403 3733020.701 436.00
LOCATION L0002508      VOLUME  483360.737 3733027.993 436.00
LOCATION L0002509      VOLUME  483360.710 3733036.583 436.00
LOCATION L0002510      VOLUME  483360.684 3733045.173 436.00
LOCATION L0002511      VOLUME  483360.658 3733053.763 436.00
LOCATION L0002512      VOLUME  483360.631 3733062.353 436.00
LOCATION L0002513      VOLUME  483360.605 3733070.943 436.00
LOCATION L0002514      VOLUME  483360.578 3733079.533 436.00
LOCATION L0002515      VOLUME  483360.552 3733088.123 436.00
LOCATION L0002516      VOLUME  483360.525 3733096.713 436.00
LOCATION L0002517      VOLUME  483360.499 3733105.303 436.00
LOCATION L0002518      VOLUME  483360.472 3733113.893 436.00
LOCATION L0002519      VOLUME  483360.446 3733122.483 436.00
LOCATION L0002520      VOLUME  483360.419 3733131.073 436.00
LOCATION L0002521      VOLUME  483360.393 3733139.662 436.00
LOCATION L0002522      VOLUME  483360.367 3733148.252 436.00
LOCATION L0002523      VOLUME  483360.340 3733156.842 436.00
LOCATION L0002524      VOLUME  483360.314 3733165.432 436.00
LOCATION L0002525      VOLUME  483360.287 3733174.022 436.00
LOCATION L0002526      VOLUME  483360.261 3733182.612 436.00
LOCATION L0002527      VOLUME  483360.234 3733191.202 436.00
LOCATION L0002528      VOLUME  483360.208 3733199.792 436.00
LOCATION L0002529      VOLUME  483360.181 3733208.382 436.00
LOCATION L0002530      VOLUME  483360.155 3733216.972 436.00
LOCATION L0002531      VOLUME  483360.128 3733225.562 436.00
LOCATION L0002532      VOLUME  483360.102 3733234.152 436.00
LOCATION L0002533      VOLUME  483360.076 3733242.742 436.00
LOCATION L0002534      VOLUME  483360.049 3733251.332 436.00
LOCATION L0002535      VOLUME  483360.023 3733259.922 436.00
LOCATION L0002536      VOLUME  483359.996 3733268.512 436.00
LOCATION L0002537      VOLUME  483359.970 3733277.102 436.00
LOCATION L0002538      VOLUME  483359.943 3733285.692 436.00
LOCATION L0002539      VOLUME  483359.917 3733294.282 436.00
LOCATION L0002540      VOLUME  483359.890 3733302.872 436.00
LOCATION L0002541      VOLUME  483359.864 3733311.462 436.00
LOCATION L0002542      VOLUME  483359.838 3733320.052 436.00
LOCATION L0002543      VOLUME  483359.811 3733328.642 436.00
LOCATION L0002544      VOLUME  483359.785 3733337.232 436.00
LOCATION L0002545      VOLUME  483359.758 3733345.822 436.00
LOCATION L0002546      VOLUME  483359.732 3733354.411 436.00
LOCATION L0002547      VOLUME  483359.705 3733363.001 436.00
LOCATION L0002548      VOLUME  483359.679 3733371.591 436.00
LOCATION L0002549      VOLUME  483359.652 3733380.181 436.00
LOCATION L0002550      VOLUME  483359.626 3733388.771 436.00
LOCATION L0002551      VOLUME  483359.599 3733397.361 436.00
LOCATION L0002552      VOLUME  483359.573 3733405.951 436.00

```


LOCATION	L0002553	VOLUME	483359.547	3733414.541	436.00
LOCATION	L0002554	VOLUME	483359.520	3733423.131	436.00
LOCATION	L0002555	VOLUME	483359.494	3733431.721	436.00
LOCATION	L0002556	VOLUME	483359.467	3733440.311	436.00
LOCATION	L0002557	VOLUME	483359.441	3733448.901	436.00
LOCATION	L0002558	VOLUME	483359.414	3733457.491	436.00
LOCATION	L0002559	VOLUME	483359.388	3733466.081	436.00
LOCATION	L0002560	VOLUME	483359.361	3733474.671	436.00
LOCATION	L0002561	VOLUME	483359.335	3733483.261	436.00
LOCATION	L0002562	VOLUME	483359.309	3733491.851	436.00
LOCATION	L0002563	VOLUME	483359.282	3733500.441	436.00
LOCATION	L0002564	VOLUME	483359.256	3733509.031	436.00
LOCATION	L0002565	VOLUME	483359.229	3733517.621	436.00
LOCATION	L0002566	VOLUME	483359.203	3733526.211	436.00
LOCATION	L0002567	VOLUME	483359.176	3733534.801	436.00
LOCATION	L0002568	VOLUME	483359.150	3733543.391	436.00
LOCATION	L0002569	VOLUME	483358.968	3733551.975	436.00
LOCATION	L0002570	VOLUME	483353.740	3733555.633	436.00
LOCATION	L0002571	VOLUME	483345.151	3733555.746	436.00
LOCATION	L0002572	VOLUME	483336.562	3733555.858	436.00
LOCATION	L0002573	VOLUME	483327.972	3733555.970	436.00
LOCATION	L0002574	VOLUME	483319.383	3733556.082	436.00
LOCATION	L0002575	VOLUME	483310.794	3733556.195	436.00
LOCATION	L0002576	VOLUME	483302.205	3733556.307	436.00

** End of LINE VOLUME Source ID = SLINE4

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Bldg 1 Onsite E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002123

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 8

** 483364.683, 3733553.432, 436.00, 3.49, 4.00

** 483376.016, 3733559.728, 436.00, 3.49, 4.00

** 483629.539, 3733559.728, 437.00, 3.49, 4.00

** 483640.872, 3733553.222, 437.03, 3.49, 4.00

** 483642.970, 3733042.819, 437.00, 3.49, 4.00

** 483650.945, 3733031.276, 437.00, 3.49, 4.00

** 483660.809, 3733028.967, 437.00, 3.49, 4.00

** 483678.648, 3733028.757, 437.00, 3.49, 4.00

**

LOCATION	L0002577	VOLUME	483368.438	3733555.518	436.00
LOCATION	L0002578	VOLUME	483375.947	3733559.689	436.00
LOCATION	L0002579	VOLUME	483384.527	3733559.728	436.00
LOCATION	L0002580	VOLUME	483393.117	3733559.728	436.00
LOCATION	L0002581	VOLUME	483401.707	3733559.728	436.00
LOCATION	L0002582	VOLUME	483410.297	3733559.728	436.00
LOCATION	L0002583	VOLUME	483418.887	3733559.728	436.00
LOCATION	L0002584	VOLUME	483427.477	3733559.728	436.00
LOCATION	L0002585	VOLUME	483436.067	3733559.728	436.20
LOCATION	L0002586	VOLUME	483444.657	3733559.728	436.49
LOCATION	L0002587	VOLUME	483453.247	3733559.728	436.77
LOCATION	L0002588	VOLUME	483461.837	3733559.728	437.00
LOCATION	L0002589	VOLUME	483470.427	3733559.728	437.00
LOCATION	L0002590	VOLUME	483479.017	3733559.728	437.00
LOCATION	L0002591	VOLUME	483487.607	3733559.728	437.00
LOCATION	L0002592	VOLUME	483496.197	3733559.728	437.00
LOCATION	L0002593	VOLUME	483504.787	3733559.728	437.00
LOCATION	L0002594	VOLUME	483513.377	3733559.728	437.00
LOCATION	L0002595	VOLUME	483521.967	3733559.728	437.00
LOCATION	L0002596	VOLUME	483530.557	3733559.728	437.00
LOCATION	L0002597	VOLUME	483539.147	3733559.728	437.00

LOCATION	L0002598	VOLUME	483547.737	3733559.728	437.00
LOCATION	L0002599	VOLUME	483556.327	3733559.728	437.00
LOCATION	L0002600	VOLUME	483564.917	3733559.728	437.00
LOCATION	L0002601	VOLUME	483573.507	3733559.728	437.00
LOCATION	L0002602	VOLUME	483582.097	3733559.728	437.00
LOCATION	L0002603	VOLUME	483590.687	3733559.728	437.00
LOCATION	L0002604	VOLUME	483599.277	3733559.728	437.00
LOCATION	L0002605	VOLUME	483607.867	3733559.728	437.00
LOCATION	L0002606	VOLUME	483616.457	3733559.728	437.00
LOCATION	L0002607	VOLUME	483625.047	3733559.728	437.00
LOCATION	L0002608	VOLUME	483633.093	3733557.688	437.00
LOCATION	L0002609	VOLUME	483640.542	3733553.411	437.02
LOCATION	L0002610	VOLUME	483640.905	3733545.012	437.03
LOCATION	L0002611	VOLUME	483640.941	3733536.422	437.03
LOCATION	L0002612	VOLUME	483640.976	3733527.832	437.03
LOCATION	L0002613	VOLUME	483641.011	3733519.242	437.03
LOCATION	L0002614	VOLUME	483641.047	3733510.652	437.03
LOCATION	L0002615	VOLUME	483641.082	3733502.062	437.02
LOCATION	L0002616	VOLUME	483641.117	3733493.472	437.01
LOCATION	L0002617	VOLUME	483641.153	3733484.882	437.00
LOCATION	L0002618	VOLUME	483641.188	3733476.292	437.00
LOCATION	L0002619	VOLUME	483641.223	3733467.702	437.00
LOCATION	L0002620	VOLUME	483641.259	3733459.112	437.00
LOCATION	L0002621	VOLUME	483641.294	3733450.522	437.01
LOCATION	L0002622	VOLUME	483641.329	3733441.933	437.02
LOCATION	L0002623	VOLUME	483641.364	3733433.343	437.03
LOCATION	L0002624	VOLUME	483641.400	3733424.753	437.04
LOCATION	L0002625	VOLUME	483641.435	3733416.163	437.03
LOCATION	L0002626	VOLUME	483641.470	3733407.573	437.02
LOCATION	L0002627	VOLUME	483641.506	3733398.983	437.00
LOCATION	L0002628	VOLUME	483641.541	3733390.393	437.00
LOCATION	L0002629	VOLUME	483641.576	3733381.803	437.00
LOCATION	L0002630	VOLUME	483641.612	3733373.213	437.00
LOCATION	L0002631	VOLUME	483641.647	3733364.623	437.00
LOCATION	L0002632	VOLUME	483641.682	3733356.033	437.00
LOCATION	L0002633	VOLUME	483641.718	3733347.443	437.00
LOCATION	L0002634	VOLUME	483641.753	3733338.853	437.00
LOCATION	L0002635	VOLUME	483641.788	3733330.263	437.00
LOCATION	L0002636	VOLUME	483641.824	3733321.674	437.00
LOCATION	L0002637	VOLUME	483641.859	3733313.084	437.00
LOCATION	L0002638	VOLUME	483641.894	3733304.494	437.00
LOCATION	L0002639	VOLUME	483641.930	3733295.904	437.00
LOCATION	L0002640	VOLUME	483641.965	3733287.314	437.00
LOCATION	L0002641	VOLUME	483642.000	3733278.724	437.00
LOCATION	L0002642	VOLUME	483642.036	3733270.134	437.00
LOCATION	L0002643	VOLUME	483642.071	3733261.544	437.00
LOCATION	L0002644	VOLUME	483642.106	3733252.954	437.00
LOCATION	L0002645	VOLUME	483642.142	3733244.364	437.00
LOCATION	L0002646	VOLUME	483642.177	3733235.774	437.00
LOCATION	L0002647	VOLUME	483642.212	3733227.184	437.00
LOCATION	L0002648	VOLUME	483642.247	3733218.594	437.00
LOCATION	L0002649	VOLUME	483642.283	3733210.004	437.00
LOCATION	L0002650	VOLUME	483642.318	3733201.415	437.00
LOCATION	L0002651	VOLUME	483642.353	3733192.825	437.00
LOCATION	L0002652	VOLUME	483642.389	3733184.235	437.00
LOCATION	L0002653	VOLUME	483642.424	3733175.645	437.00
LOCATION	L0002654	VOLUME	483642.459	3733167.055	437.00
LOCATION	L0002655	VOLUME	483642.495	3733158.465	437.00
LOCATION	L0002656	VOLUME	483642.530	3733149.875	437.00
LOCATION	L0002657	VOLUME	483642.565	3733141.285	437.00
LOCATION	L0002658	VOLUME	483642.601	3733132.695	437.00
LOCATION	L0002659	VOLUME	483642.636	3733124.105	437.00
LOCATION	L0002660	VOLUME	483642.671	3733115.515	437.00
LOCATION	L0002661	VOLUME	483642.707	3733106.925	437.00
LOCATION	L0002662	VOLUME	483642.742	3733098.335	437.00
LOCATION	L0002663	VOLUME	483642.777	3733089.746	437.00

LOCATION	L0002664	VOLUME	483642.813	3733081.156	437.00
LOCATION	L0002665	VOLUME	483642.848	3733072.566	437.00
LOCATION	L0002666	VOLUME	483642.883	3733063.976	437.00
LOCATION	L0002667	VOLUME	483642.919	3733055.386	437.00
LOCATION	L0002668	VOLUME	483642.954	3733046.796	437.00
LOCATION	L0002669	VOLUME	483645.592	3733039.024	437.00
LOCATION	L0002670	VOLUME	483650.475	3733031.956	437.00
LOCATION	L0002671	VOLUME	483658.504	3733029.507	437.00
LOCATION	L0002672	VOLUME	483667.031	3733028.894	437.00
LOCATION	L0002673	VOLUME	483675.621	3733028.793	437.00

** End of LINE VOLUME Source ID = SLINE5

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Bldg 1 Onsite S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 7.489E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 7

** 483358.231, 3733011.231, 436.00, 3.49, 4.00

** 483369.167, 3733006.446, 436.00, 3.49, 4.00

** 483377.027, 3733003.712, 436.00, 3.49, 4.00

** 483457.338, 3733005.079, 436.03, 3.49, 4.00

** 483483.311, 3733020.800, 436.87, 3.49, 4.00

** 483632.314, 3733023.192, 437.00, 3.49, 4.00

** 483644.959, 3733027.976, 437.00, 3.49, 4.00

** -----

LOCATION	L0002674	VOLUME	483362.166	3733009.509	436.00
LOCATION	L0002675	VOLUME	483370.062	3733006.135	436.00
LOCATION	L0002676	VOLUME	483378.243	3733003.733	436.00
LOCATION	L0002677	VOLUME	483386.832	3733003.879	436.00
LOCATION	L0002678	VOLUME	483395.420	3733004.025	436.00
LOCATION	L0002679	VOLUME	483404.009	3733004.172	436.00
LOCATION	L0002680	VOLUME	483412.598	3733004.318	436.00
LOCATION	L0002681	VOLUME	483421.187	3733004.464	436.00
LOCATION	L0002682	VOLUME	483429.775	3733004.610	436.00
LOCATION	L0002683	VOLUME	483438.364	3733004.756	436.01
LOCATION	L0002684	VOLUME	483446.953	3733004.902	436.02
LOCATION	L0002685	VOLUME	483455.542	3733005.049	436.03
LOCATION	L0002686	VOLUME	483463.150	3733008.597	436.10
LOCATION	L0002687	VOLUME	483470.499	3733013.045	436.35
LOCATION	L0002688	VOLUME	483477.847	3733017.493	436.59
LOCATION	L0002689	VOLUME	483485.514	3733020.835	436.85
LOCATION	L0002690	VOLUME	483494.103	3733020.973	437.00
LOCATION	L0002691	VOLUME	483502.692	3733021.111	437.00
LOCATION	L0002692	VOLUME	483511.281	3733021.249	437.00
LOCATION	L0002693	VOLUME	483519.870	3733021.387	437.00
LOCATION	L0002694	VOLUME	483528.459	3733021.525	437.00
LOCATION	L0002695	VOLUME	483537.047	3733021.662	437.00
LOCATION	L0002696	VOLUME	483545.636	3733021.800	437.00
LOCATION	L0002697	VOLUME	483554.225	3733021.938	437.00
LOCATION	L0002698	VOLUME	483562.814	3733022.076	437.00
LOCATION	L0002699	VOLUME	483571.403	3733022.214	437.00
LOCATION	L0002700	VOLUME	483579.992	3733022.352	437.00
LOCATION	L0002701	VOLUME	483588.581	3733022.490	437.00
LOCATION	L0002702	VOLUME	483597.170	3733022.628	437.00
LOCATION	L0002703	VOLUME	483605.759	3733022.766	437.00
LOCATION	L0002704	VOLUME	483614.347	3733022.904	437.00
LOCATION	L0002705	VOLUME	483622.936	3733023.041	437.00
LOCATION	L0002706	VOLUME	483631.525	3733023.179	437.00
LOCATION	L0002707	VOLUME	483639.610	3733025.953	437.00

** End of LINE VOLUME Source ID = SLINE6

** -----

```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Bldg 2 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 7.976E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 482955.154, 3733155.117, 435.00, 3.49, 4.00
** 483275.858, 3733153.858, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0002708      VOLUME  482959.449 3733155.100 435.00
LOCATION L0002709      VOLUME  482968.039 3733155.066 435.00
LOCATION L0002710      VOLUME  482976.629 3733155.033 435.00
LOCATION L0002711      VOLUME  482985.219 3733154.999 435.00
LOCATION L0002712      VOLUME  482993.809 3733154.965 435.00
LOCATION L0002713      VOLUME  483002.399 3733154.931 435.00
LOCATION L0002714      VOLUME  483010.989 3733154.898 435.00
LOCATION L0002715      VOLUME  483019.579 3733154.864 435.00
LOCATION L0002716      VOLUME  483028.168 3733154.830 435.00
LOCATION L0002717      VOLUME  483036.758 3733154.796 435.00
LOCATION L0002718      VOLUME  483045.348 3733154.763 435.00
LOCATION L0002719      VOLUME  483053.938 3733154.729 435.00
LOCATION L0002720      VOLUME  483062.528 3733154.695 435.00
LOCATION L0002721      VOLUME  483071.118 3733154.662 435.00
LOCATION L0002722      VOLUME  483079.708 3733154.628 435.00
LOCATION L0002723      VOLUME  483088.298 3733154.594 435.00
LOCATION L0002724      VOLUME  483096.888 3733154.560 435.00
LOCATION L0002725      VOLUME  483105.478 3733154.527 435.00
LOCATION L0002726      VOLUME  483114.068 3733154.493 435.00
LOCATION L0002727      VOLUME  483122.658 3733154.459 435.00
LOCATION L0002728      VOLUME  483131.248 3733154.425 435.00
LOCATION L0002729      VOLUME  483139.838 3733154.392 435.02
LOCATION L0002730      VOLUME  483148.428 3733154.358 435.03
LOCATION L0002731      VOLUME  483157.017 3733154.324 435.05
LOCATION L0002732      VOLUME  483165.607 3733154.291 435.23
LOCATION L0002733      VOLUME  483174.197 3733154.257 435.50
LOCATION L0002734      VOLUME  483182.787 3733154.223 435.77
LOCATION L0002735      VOLUME  483191.377 3733154.189 436.00
LOCATION L0002736      VOLUME  483199.967 3733154.156 436.00
LOCATION L0002737      VOLUME  483208.557 3733154.122 436.00
LOCATION L0002738      VOLUME  483217.147 3733154.088 436.00
LOCATION L0002739      VOLUME  483225.737 3733154.054 436.00
LOCATION L0002740      VOLUME  483234.327 3733154.021 436.00
LOCATION L0002741      VOLUME  483242.917 3733153.987 436.00
LOCATION L0002742      VOLUME  483251.507 3733153.953 436.00
LOCATION L0002743      VOLUME  483260.097 3733153.919 436.00
LOCATION L0002744      VOLUME  483268.687 3733153.886 436.00

```

```

** End of LINE VOLUME Source ID = SLINE7

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC Sherman S
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 5.716E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483284.355, 3733011.303, 436.00, 3.49, 6.51
** 483283.671, 3733154.172, 436.00, 3.49, 6.51

```

```

-----
LOCATION L0002745      VOLUME  483284.321 3733018.303 436.00

```

LOCATION	L0002746	VOLUME	483284.254	3733032.303	436.00
LOCATION	L0002747	VOLUME	483284.187	3733046.302	436.00
LOCATION	L0002748	VOLUME	483284.120	3733060.302	436.00
LOCATION	L0002749	VOLUME	483284.053	3733074.302	436.00
LOCATION	L0002750	VOLUME	483283.986	3733088.302	436.00
LOCATION	L0002751	VOLUME	483283.919	3733102.302	436.00
LOCATION	L0002752	VOLUME	483283.852	3733116.302	436.00
LOCATION	L0002753	VOLUME	483283.785	3733130.301	436.00
LOCATION	L0002754	VOLUME	483283.718	3733144.301	436.00

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Sherman C

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 6.339E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.716, 3733152.128, 436.00, 3.49, 6.51

** 483283.716, 3733555.905, 436.00, 3.49, 6.51

** -----

LOCATION	L0002755	VOLUME	483283.716	3733159.128	436.00
LOCATION	L0002756	VOLUME	483283.716	3733173.128	436.00
LOCATION	L0002757	VOLUME	483283.716	3733187.128	436.00
LOCATION	L0002758	VOLUME	483283.716	3733201.128	436.00
LOCATION	L0002759	VOLUME	483283.716	3733215.128	436.00
LOCATION	L0002760	VOLUME	483283.716	3733229.128	436.00
LOCATION	L0002761	VOLUME	483283.716	3733243.128	436.00
LOCATION	L0002762	VOLUME	483283.716	3733257.128	436.00
LOCATION	L0002763	VOLUME	483283.716	3733271.128	436.00
LOCATION	L0002764	VOLUME	483283.716	3733285.128	436.00
LOCATION	L0002765	VOLUME	483283.716	3733299.128	436.00
LOCATION	L0002766	VOLUME	483283.716	3733313.128	436.00
LOCATION	L0002767	VOLUME	483283.716	3733327.128	436.00
LOCATION	L0002768	VOLUME	483283.716	3733341.128	436.00
LOCATION	L0002769	VOLUME	483283.716	3733355.128	436.00
LOCATION	L0002770	VOLUME	483283.716	3733369.128	436.00
LOCATION	L0002771	VOLUME	483283.716	3733383.128	436.00
LOCATION	L0002772	VOLUME	483283.716	3733397.128	436.00
LOCATION	L0002773	VOLUME	483283.716	3733411.128	436.00
LOCATION	L0002774	VOLUME	483283.716	3733425.128	436.00
LOCATION	L0002775	VOLUME	483283.716	3733439.128	436.00
LOCATION	L0002776	VOLUME	483283.716	3733453.128	436.00
LOCATION	L0002777	VOLUME	483283.716	3733467.128	436.00
LOCATION	L0002778	VOLUME	483283.716	3733481.128	436.00
LOCATION	L0002779	VOLUME	483283.716	3733495.128	436.00
LOCATION	L0002780	VOLUME	483283.716	3733509.128	436.00
LOCATION	L0002781	VOLUME	483283.716	3733523.128	436.00
LOCATION	L0002782	VOLUME	483283.716	3733537.128	436.00
LOCATION	L0002783	VOLUME	483283.716	3733551.128	436.00

** End of LINE VOLUME Source ID = SLINE9

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC Sherman N

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.129E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.455, 3733558.069, 436.00, 3.49, 6.51

** 483283.455, 3733666.150, 436.00, 3.49, 6.51

**

LOCATION	L0002784	VOLUME	483283.455	3733565.069	436.00
LOCATION	L0002785	VOLUME	483283.455	3733579.069	436.00
LOCATION	L0002786	VOLUME	483283.455	3733593.069	436.00
LOCATION	L0002787	VOLUME	483283.455	3733607.069	436.00
LOCATION	L0002788	VOLUME	483283.455	3733621.069	436.00
LOCATION	L0002789	VOLUME	483283.455	3733635.069	436.00
LOCATION	L0002790	VOLUME	483283.455	3733649.069	436.00
LOCATION	L0002791	VOLUME	483283.455	3733663.069	436.00

** End of LINE VOLUME Source ID = SLINE10

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Dawson

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 2.527E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483688.720, 3733028.607, 437.00, 3.49, 4.00

** 483686.307, 3733660.381, 438.00, 3.49, 4.00

**

LOCATION	L0002792	VOLUME	483688.703	3733032.902	437.00
LOCATION	L0002793	VOLUME	483688.670	3733041.491	437.00
LOCATION	L0002794	VOLUME	483688.638	3733050.081	437.00
LOCATION	L0002795	VOLUME	483688.605	3733058.671	437.00
LOCATION	L0002796	VOLUME	483688.572	3733067.261	437.00
LOCATION	L0002797	VOLUME	483688.539	3733075.851	437.00
LOCATION	L0002798	VOLUME	483688.506	3733084.441	437.00
LOCATION	L0002799	VOLUME	483688.474	3733093.031	437.00
LOCATION	L0002800	VOLUME	483688.441	3733101.621	437.00
LOCATION	L0002801	VOLUME	483688.408	3733110.211	437.00
LOCATION	L0002802	VOLUME	483688.375	3733118.801	437.00
LOCATION	L0002803	VOLUME	483688.342	3733127.391	437.00
LOCATION	L0002804	VOLUME	483688.310	3733135.981	437.00
LOCATION	L0002805	VOLUME	483688.277	3733144.571	437.00
LOCATION	L0002806	VOLUME	483688.244	3733153.161	437.00
LOCATION	L0002807	VOLUME	483688.211	3733161.751	437.00
LOCATION	L0002808	VOLUME	483688.178	3733170.341	437.00
LOCATION	L0002809	VOLUME	483688.146	3733178.930	437.00
LOCATION	L0002810	VOLUME	483688.113	3733187.520	437.00
LOCATION	L0002811	VOLUME	483688.080	3733196.110	437.00
LOCATION	L0002812	VOLUME	483688.047	3733204.700	437.00
LOCATION	L0002813	VOLUME	483688.014	3733213.290	437.00
LOCATION	L0002814	VOLUME	483687.981	3733221.880	437.00
LOCATION	L0002815	VOLUME	483687.949	3733230.470	437.00
LOCATION	L0002816	VOLUME	483687.916	3733239.060	437.00
LOCATION	L0002817	VOLUME	483687.883	3733247.650	437.00
LOCATION	L0002818	VOLUME	483687.850	3733256.240	437.00
LOCATION	L0002819	VOLUME	483687.817	3733264.830	437.00
LOCATION	L0002820	VOLUME	483687.785	3733273.420	437.00
LOCATION	L0002821	VOLUME	483687.752	3733282.010	437.00
LOCATION	L0002822	VOLUME	483687.719	3733290.600	437.00
LOCATION	L0002823	VOLUME	483687.686	3733299.190	437.00
LOCATION	L0002824	VOLUME	483687.653	3733307.780	437.04
LOCATION	L0002825	VOLUME	483687.621	3733316.369	437.20
LOCATION	L0002826	VOLUME	483687.588	3733324.959	437.37
LOCATION	L0002827	VOLUME	483687.555	3733333.549	437.54
LOCATION	L0002828	VOLUME	483687.522	3733342.139	437.58
LOCATION	L0002829	VOLUME	483687.489	3733350.729	437.58
LOCATION	L0002830	VOLUME	483687.457	3733359.319	437.58
LOCATION	L0002831	VOLUME	483687.424	3733367.909	437.58
LOCATION	L0002832	VOLUME	483687.391	3733376.499	437.58

LOCATION	VOLUME				
L0002833	483687.358	3733385.089	437.58		
L0002834	483687.325	3733393.679	437.57		
L0002835	483687.293	3733402.269	437.66		
L0002836	483687.260	3733410.859	437.78		
L0002837	483687.227	3733419.449	437.91		
L0002838	483687.194	3733428.039	437.97		
L0002839	483687.161	3733436.629	437.85		
L0002840	483687.129	3733445.219	437.72		
L0002841	483687.096	3733453.808	437.60		
L0002842	483687.063	3733462.398	437.57		
L0002843	483687.030	3733470.988	437.56		
L0002844	483686.997	3733479.578	437.56		
L0002845	483686.964	3733488.168	437.59		
L0002846	483686.932	3733496.758	437.72		
L0002847	483686.899	3733505.348	437.84		
L0002848	483686.866	3733513.938	437.97		
L0002849	483686.833	3733522.528	438.00		
L0002850	483686.800	3733531.118	438.00		
L0002851	483686.768	3733539.708	438.00		
L0002852	483686.735	3733548.298	438.00		
L0002853	483686.702	3733556.888	438.00		
L0002854	483686.669	3733565.478	438.00		
L0002855	483686.636	3733574.068	438.00		
L0002856	483686.604	3733582.658	438.00		
L0002857	483686.571	3733591.247	438.00		
L0002858	483686.538	3733599.837	438.00		
L0002859	483686.505	3733608.427	438.00		
L0002860	483686.472	3733617.017	438.00		
L0002861	483686.440	3733625.607	438.00		
L0002862	483686.407	3733634.197	438.00		
L0002863	483686.374	3733642.787	438.00		
L0002864	483686.341	3733651.377	438.00		
L0002865	483686.308	3733659.967	438.00		

** End of LINE VOLUME Source ID = SLINE11

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Ethanac E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.606E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483686.610, 3733668.204, 438.00, 3.49, 4.00

** 483284.962, 3733669.571, 436.00, 3.49, 4.00

** -----

LOCATION	VOLUME				
L0002866	483682.315	3733668.218	438.00		
L0002867	483673.725	3733668.248	438.00		
L0002868	483665.135	3733668.277	438.00		
L0002869	483656.545	3733668.306	438.00		
L0002870	483647.955	3733668.335	438.00		
L0002871	483639.365	3733668.365	437.98		
L0002872	483630.775	3733668.394	437.71		
L0002873	483622.185	3733668.423	437.45		
L0002874	483613.595	3733668.452	437.19		
L0002875	483605.005	3733668.482	437.07		
L0002876	483596.415	3733668.511	437.05		
L0002877	483587.825	3733668.540	437.02		
L0002878	483579.235	3733668.569	437.00		
L0002879	483570.645	3733668.599	437.00		
L0002880	483562.055	3733668.628	437.00		
L0002881	483553.465	3733668.657	437.00		
L0002882	483544.876	3733668.686	437.00		
L0002883	483536.286	3733668.716	437.00		

LOCATION	VOLUME			
L0002884	483527.696	3733668.745	437.00	
L0002885	483519.106	3733668.774	437.00	
L0002886	483510.516	3733668.803	437.00	
L0002887	483501.926	3733668.832	437.00	
L0002888	483493.336	3733668.862	437.00	
L0002889	483484.746	3733668.891	437.00	
L0002890	483476.156	3733668.920	437.00	
L0002891	483467.566	3733668.949	437.00	
L0002892	483458.976	3733668.979	437.00	
L0002893	483450.386	3733669.008	437.00	
L0002894	483441.796	3733669.037	437.00	
L0002895	483433.206	3733669.066	437.00	
L0002896	483424.616	3733669.096	437.00	
L0002897	483416.026	3733669.125	437.00	
L0002898	483407.436	3733669.154	437.00	
L0002899	483398.846	3733669.183	436.96	
L0002900	483390.256	3733669.213	436.67	
L0002901	483381.666	3733669.242	436.39	
L0002902	483373.077	3733669.271	436.10	
L0002903	483364.487	3733669.300	436.00	
L0002904	483355.897	3733669.330	436.00	
L0002905	483347.307	3733669.359	436.00	
L0002906	483338.717	3733669.388	436.00	
L0002907	483330.127	3733669.417	436.00	
L0002908	483321.537	3733669.447	436.00	
L0002909	483312.947	3733669.476	436.00	
L0002910	483304.357	3733669.505	436.00	
L0002911	483295.767	3733669.534	436.00	
L0002912	483287.177	3733669.564	436.00	

** End of LINE VOLUME Source ID = SLINE12

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Ethanac W

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.00002218

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 483283.697, 3733670.145, 436.00, 3.49, 6.51

** 482584.283, 3733672.724, 434.00, 3.49, 6.51

** 482347.808, 3733674.848, 433.94, 3.49, 6.51

** -----

LOCATION	VOLUME			
L0002913	483276.697	3733670.171	436.00	
L0002914	483262.697	3733670.223	436.00	
L0002915	483248.697	3733670.274	436.00	
L0002916	483234.698	3733670.326	436.00	
L0002917	483220.698	3733670.378	436.00	
L0002918	483206.698	3733670.429	436.00	
L0002919	483192.698	3733670.481	436.00	
L0002920	483178.698	3733670.533	436.00	
L0002921	483164.698	3733670.584	436.00	
L0002922	483150.698	3733670.636	435.69	
L0002923	483136.698	3733670.687	435.22	
L0002924	483122.698	3733670.739	435.00	
L0002925	483108.698	3733670.791	435.00	
L0002926	483094.698	3733670.842	435.00	
L0002927	483080.699	3733670.894	435.00	
L0002928	483066.699	3733670.945	435.00	
L0002929	483052.699	3733670.997	435.00	
L0002930	483038.699	3733671.049	435.00	
L0002931	483024.699	3733671.100	435.00	
L0002932	483010.699	3733671.152	435.00	
L0002933	482996.699	3733671.204	435.00	

LOCATION	VOLUME				
LOCATION L0002934	VOLUME	482982.699	3733671.255	435.00	
LOCATION L0002935	VOLUME	482968.699	3733671.307	435.00	
LOCATION L0002936	VOLUME	482954.699	3733671.358	435.00	
LOCATION L0002937	VOLUME	482940.700	3733671.410	435.00	
LOCATION L0002938	VOLUME	482926.700	3733671.462	435.00	
LOCATION L0002939	VOLUME	482912.700	3733671.513	435.00	
LOCATION L0002940	VOLUME	482898.700	3733671.565	435.00	
LOCATION L0002941	VOLUME	482884.700	3733671.616	435.00	
LOCATION L0002942	VOLUME	482870.700	3733671.668	435.00	
LOCATION L0002943	VOLUME	482856.700	3733671.720	435.00	
LOCATION L0002944	VOLUME	482842.700	3733671.771	435.00	
LOCATION L0002945	VOLUME	482828.700	3733671.823	435.00	
LOCATION L0002946	VOLUME	482814.700	3733671.875	435.00	
LOCATION L0002947	VOLUME	482800.700	3733671.926	435.00	
LOCATION L0002948	VOLUME	482786.701	3733671.978	434.64	
LOCATION L0002949	VOLUME	482772.701	3733672.029	434.27	
LOCATION L0002950	VOLUME	482758.701	3733672.081	434.13	
LOCATION L0002951	VOLUME	482744.701	3733672.133	434.03	
LOCATION L0002952	VOLUME	482730.701	3733672.184	434.00	
LOCATION L0002953	VOLUME	482716.701	3733672.236	434.00	
LOCATION L0002954	VOLUME	482702.701	3733672.287	434.00	
LOCATION L0002955	VOLUME	482688.701	3733672.339	434.00	
LOCATION L0002956	VOLUME	482674.701	3733672.391	434.00	
LOCATION L0002957	VOLUME	482660.701	3733672.442	434.00	
LOCATION L0002958	VOLUME	482646.702	3733672.494	434.00	
LOCATION L0002959	VOLUME	482632.702	3733672.546	434.00	
LOCATION L0002960	VOLUME	482618.702	3733672.597	434.00	
LOCATION L0002961	VOLUME	482604.702	3733672.649	434.00	
LOCATION L0002962	VOLUME	482590.702	3733672.700	434.00	
LOCATION L0002963	VOLUME	482576.702	3733672.792	434.00	
LOCATION L0002964	VOLUME	482562.703	3733672.918	434.00	
LOCATION L0002965	VOLUME	482548.703	3733673.044	434.00	
LOCATION L0002966	VOLUME	482534.704	3733673.169	434.00	
LOCATION L0002967	VOLUME	482520.705	3733673.295	434.00	
LOCATION L0002968	VOLUME	482506.705	3733673.421	434.00	
LOCATION L0002969	VOLUME	482492.706	3733673.546	434.00	
LOCATION L0002970	VOLUME	482478.706	3733673.672	434.00	
LOCATION L0002971	VOLUME	482464.707	3733673.798	434.00	
LOCATION L0002972	VOLUME	482450.707	3733673.924	434.00	
LOCATION L0002973	VOLUME	482436.708	3733674.049	434.00	
LOCATION L0002974	VOLUME	482422.708	3733674.175	434.00	
LOCATION L0002975	VOLUME	482408.709	3733674.301	434.00	
LOCATION L0002976	VOLUME	482394.710	3733674.426	434.00	
LOCATION L0002977	VOLUME	482380.710	3733674.552	434.00	
LOCATION L0002978	VOLUME	482366.711	3733674.678	433.87	
LOCATION L0002979	VOLUME	482352.711	3733674.804	433.73	

** End of LINE VOLUME Source ID = SLINE13

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM					
SRCPARAM L0002388	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002389	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002390	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002391	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002392	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002393	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002394	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002395	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002396	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002397	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002398	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002399	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002400	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002401	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002402	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002403	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002404	0.0000006459	3.49	4.00	3.25	


```
SRCPARAM L0002975      0.000000331      3.49      6.51      3.25
SRCPARAM L0002976      0.000000331      3.49      6.51      3.25
SRCPARAM L0002977      0.000000331      3.49      6.51      3.25
SRCPARAM L0002978      0.000000331      3.49      6.51      3.25
SRCPARAM L0002979      0.000000331      3.49      6.51      3.25
```

** -----

```
URBANSRC ALL
SRCGROUP ALL
```

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

```
RE STARTING
  INCLUDED "14616 Ops Scenario 1.rou"
```

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

```
ME STARTING
SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS
```

ME FINISHED
**

** AERMOD Output Pathway

**
**

```
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "14616 OPS SCENARIO 1.AD\AN00GALL.PLT" 31
  SUMMFILE "14616 Ops Scenario 1.sum"
```

OU FINISHED
**

** Project Parameters

```
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
```

**
**

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 1/12/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Ops Scenario 1\14616
Ops Scenario 1.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14616 Ops Scenario 1.err"

CO FINISHED
**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Bldg 1 W Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002842
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483380.317, 3733488.891, 436.00, 3.49, 4.00
** 483381.925, 3733114.633, 436.00, 3.49, 4.00

LOCATION	L0002388	VOLUME	483380.335	3733484.596	436.00
LOCATION	L0002389	VOLUME	483380.372	3733476.006	436.00
LOCATION	L0002390	VOLUME	483380.409	3733467.416	436.00
LOCATION	L0002391	VOLUME	483380.446	3733458.826	436.00
LOCATION	L0002392	VOLUME	483380.483	3733450.236	436.00
LOCATION	L0002393	VOLUME	483380.520	3733441.646	436.00
LOCATION	L0002394	VOLUME	483380.557	3733433.056	436.00
LOCATION	L0002395	VOLUME	483380.594	3733424.467	436.00
LOCATION	L0002396	VOLUME	483380.631	3733415.877	436.00
LOCATION	L0002397	VOLUME	483380.668	3733407.287	436.00
LOCATION	L0002398	VOLUME	483380.704	3733398.697	436.00
LOCATION	L0002399	VOLUME	483380.741	3733390.107	436.00
LOCATION	L0002400	VOLUME	483380.778	3733381.517	436.00
LOCATION	L0002401	VOLUME	483380.815	3733372.927	436.00
LOCATION	L0002402	VOLUME	483380.852	3733364.337	436.00
LOCATION	L0002403	VOLUME	483380.889	3733355.747	436.00

LOCATION	VOLUME				
L0002404	483380.926	3733347.157	436.00		
L0002405	483380.963	3733338.567	436.00		
L0002406	483381.000	3733329.977	436.00		
L0002407	483381.037	3733321.387	436.00		
L0002408	483381.074	3733312.798	436.00		
L0002409	483381.110	3733304.208	436.00		
L0002410	483381.147	3733295.618	436.00		
L0002411	483381.184	3733287.028	436.00		
L0002412	483381.221	3733278.438	436.00		
L0002413	483381.258	3733269.848	436.00		
L0002414	483381.295	3733261.258	436.00		
L0002415	483381.332	3733252.668	436.00		
L0002416	483381.369	3733244.078	436.00		
L0002417	483381.406	3733235.488	436.00		
L0002418	483381.443	3733226.898	436.00		
L0002419	483381.480	3733218.308	436.00		
L0002420	483381.516	3733209.719	436.00		
L0002421	483381.553	3733201.129	436.00		
L0002422	483381.590	3733192.539	436.00		
L0002423	483381.627	3733183.949	436.00		
L0002424	483381.664	3733175.359	436.00		
L0002425	483381.701	3733166.769	436.00		
L0002426	483381.738	3733158.179	436.00		
L0002427	483381.775	3733149.589	436.00		
L0002428	483381.812	3733140.999	436.00		
L0002429	483381.849	3733132.409	436.00		
L0002430	483381.885	3733123.819	436.00		
L0002431	483381.922	3733115.229	436.00		

** End of LINE VOLUME Source ID = SLINE1

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Bldg 1 E Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002842

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483622.318, 3733489.293, 437.00, 3.49, 4.00

** 483623.926, 3733115.035, 437.00, 3.49, 4.00

** -----

LOCATION	VOLUME				
L0002432	483622.337	3733484.998	437.00		
L0002433	483622.374	3733476.408	437.00		
L0002434	483622.411	3733467.818	437.00		
L0002435	483622.448	3733459.228	437.00		
L0002436	483622.484	3733450.638	437.00		
L0002437	483622.521	3733442.048	437.00		
L0002438	483622.558	3733433.458	437.00		
L0002439	483622.595	3733424.869	437.00		
L0002440	483622.632	3733416.279	437.00		
L0002441	483622.669	3733407.689	437.00		
L0002442	483622.706	3733399.099	437.00		
L0002443	483622.743	3733390.509	437.00		
L0002444	483622.780	3733381.919	437.00		
L0002445	483622.817	3733373.329	437.00		
L0002446	483622.853	3733364.739	437.00		
L0002447	483622.890	3733356.149	437.00		
L0002448	483622.927	3733347.559	437.00		
L0002449	483622.964	3733338.969	437.00		
L0002450	483623.001	3733330.379	437.00		
L0002451	483623.038	3733321.789	437.00		
L0002452	483623.075	3733313.200	437.00		
L0002453	483623.112	3733304.610	437.00		
L0002454	483623.149	3733296.020	437.00		

LOCATION	L0002455	VOLUME	483623.186	3733287.430	437.00
LOCATION	L0002456	VOLUME	483623.223	3733278.840	437.00
LOCATION	L0002457	VOLUME	483623.259	3733270.250	437.00
LOCATION	L0002458	VOLUME	483623.296	3733261.660	437.00
LOCATION	L0002459	VOLUME	483623.333	3733253.070	437.00
LOCATION	L0002460	VOLUME	483623.370	3733244.480	437.00
LOCATION	L0002461	VOLUME	483623.407	3733235.890	437.00
LOCATION	L0002462	VOLUME	483623.444	3733227.300	437.00
LOCATION	L0002463	VOLUME	483623.481	3733218.710	437.00
LOCATION	L0002464	VOLUME	483623.518	3733210.121	437.00
LOCATION	L0002465	VOLUME	483623.555	3733201.531	437.00
LOCATION	L0002466	VOLUME	483623.592	3733192.941	437.00
LOCATION	L0002467	VOLUME	483623.629	3733184.351	437.00
LOCATION	L0002468	VOLUME	483623.665	3733175.761	437.00
LOCATION	L0002469	VOLUME	483623.702	3733167.171	437.00
LOCATION	L0002470	VOLUME	483623.739	3733158.581	437.00
LOCATION	L0002471	VOLUME	483623.776	3733149.991	437.00
LOCATION	L0002472	VOLUME	483623.813	3733141.401	437.00
LOCATION	L0002473	VOLUME	483623.850	3733132.811	437.00
LOCATION	L0002474	VOLUME	483623.887	3733124.221	437.00
LOCATION	L0002475	VOLUME	483623.924	3733115.631	437.00

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Bldg 2 Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00005541

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482966.839, 3733137.590, 435.00, 3.49, 4.00

** 483181.107, 3733136.750, 436.00, 3.49, 4.00

**

LOCATION	L0002476	VOLUME	482971.134	3733137.573	435.00
LOCATION	L0002477	VOLUME	482979.724	3733137.539	435.00
LOCATION	L0002478	VOLUME	482988.314	3733137.505	435.00
LOCATION	L0002479	VOLUME	482996.904	3733137.472	435.00
LOCATION	L0002480	VOLUME	483005.494	3733137.438	435.00
LOCATION	L0002481	VOLUME	483014.084	3733137.405	435.00
LOCATION	L0002482	VOLUME	483022.674	3733137.371	435.00
LOCATION	L0002483	VOLUME	483031.264	3733137.337	435.00
LOCATION	L0002484	VOLUME	483039.854	3733137.304	435.00
LOCATION	L0002485	VOLUME	483048.443	3733137.270	435.00
LOCATION	L0002486	VOLUME	483057.033	3733137.236	435.00
LOCATION	L0002487	VOLUME	483065.623	3733137.203	435.00
LOCATION	L0002488	VOLUME	483074.213	3733137.169	435.00
LOCATION	L0002489	VOLUME	483082.803	3733137.135	435.00
LOCATION	L0002490	VOLUME	483091.393	3733137.102	435.00
LOCATION	L0002491	VOLUME	483099.983	3733137.068	435.00
LOCATION	L0002492	VOLUME	483108.573	3733137.034	435.00
LOCATION	L0002493	VOLUME	483117.163	3733137.001	435.00
LOCATION	L0002494	VOLUME	483125.753	3733136.967	435.00
LOCATION	L0002495	VOLUME	483134.343	3733136.933	435.09
LOCATION	L0002496	VOLUME	483142.933	3733136.900	435.27
LOCATION	L0002497	VOLUME	483151.523	3733136.866	435.46
LOCATION	L0002498	VOLUME	483160.113	3733136.832	435.64
LOCATION	L0002499	VOLUME	483168.703	3733136.799	435.74
LOCATION	L0002500	VOLUME	483177.292	3733136.765	435.85

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Bldg 1 Onsite W

** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001667
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 483305.258, 3733012.819, 436.00, 3.49, 4.00
** 483350.688, 3733012.015, 436.00, 3.49, 4.00
** 483360.739, 3733027.292, 436.00, 3.49, 4.00
** 483359.131, 3733549.538, 436.00, 3.49, 4.00
** 483358.729, 3733555.568, 436.00, 3.49, 4.00
** 483297.217, 3733556.372, 436.00, 3.49, 4.00

LOCATION	L0002501	VOLUME	483309.552	3733012.743	436.00
LOCATION	L0002502	VOLUME	483318.141	3733012.591	436.00
LOCATION	L0002503	VOLUME	483326.730	3733012.439	436.00
LOCATION	L0002504	VOLUME	483335.318	3733012.287	436.00
LOCATION	L0002505	VOLUME	483343.907	3733012.135	436.00
LOCATION	L0002506	VOLUME	483351.682	3733013.525	436.00
LOCATION	L0002507	VOLUME	483356.403	3733020.701	436.00
LOCATION	L0002508	VOLUME	483360.737	3733027.993	436.00
LOCATION	L0002509	VOLUME	483360.710	3733036.583	436.00
LOCATION	L0002510	VOLUME	483360.684	3733045.173	436.00
LOCATION	L0002511	VOLUME	483360.658	3733053.763	436.00
LOCATION	L0002512	VOLUME	483360.631	3733062.353	436.00
LOCATION	L0002513	VOLUME	483360.605	3733070.943	436.00
LOCATION	L0002514	VOLUME	483360.578	3733079.533	436.00
LOCATION	L0002515	VOLUME	483360.552	3733088.123	436.00
LOCATION	L0002516	VOLUME	483360.525	3733096.713	436.00
LOCATION	L0002517	VOLUME	483360.499	3733105.303	436.00
LOCATION	L0002518	VOLUME	483360.472	3733113.893	436.00
LOCATION	L0002519	VOLUME	483360.446	3733122.483	436.00
LOCATION	L0002520	VOLUME	483360.419	3733131.073	436.00
LOCATION	L0002521	VOLUME	483360.393	3733139.662	436.00
LOCATION	L0002522	VOLUME	483360.367	3733148.252	436.00
LOCATION	L0002523	VOLUME	483360.340	3733156.842	436.00
LOCATION	L0002524	VOLUME	483360.314	3733165.432	436.00
LOCATION	L0002525	VOLUME	483360.287	3733174.022	436.00
LOCATION	L0002526	VOLUME	483360.261	3733182.612	436.00
LOCATION	L0002527	VOLUME	483360.234	3733191.202	436.00
LOCATION	L0002528	VOLUME	483360.208	3733199.792	436.00
LOCATION	L0002529	VOLUME	483360.181	3733208.382	436.00
LOCATION	L0002530	VOLUME	483360.155	3733216.972	436.00
LOCATION	L0002531	VOLUME	483360.128	3733225.562	436.00
LOCATION	L0002532	VOLUME	483360.102	3733234.152	436.00
LOCATION	L0002533	VOLUME	483360.076	3733242.742	436.00
LOCATION	L0002534	VOLUME	483360.049	3733251.332	436.00
LOCATION	L0002535	VOLUME	483360.023	3733259.922	436.00
LOCATION	L0002536	VOLUME	483359.996	3733268.512	436.00
LOCATION	L0002537	VOLUME	483359.970	3733277.102	436.00
LOCATION	L0002538	VOLUME	483359.943	3733285.692	436.00
LOCATION	L0002539	VOLUME	483359.917	3733294.282	436.00
LOCATION	L0002540	VOLUME	483359.890	3733302.872	436.00
LOCATION	L0002541	VOLUME	483359.864	3733311.462	436.00
LOCATION	L0002542	VOLUME	483359.838	3733320.052	436.00
LOCATION	L0002543	VOLUME	483359.811	3733328.642	436.00
LOCATION	L0002544	VOLUME	483359.785	3733337.232	436.00
LOCATION	L0002545	VOLUME	483359.758	3733345.822	436.00
LOCATION	L0002546	VOLUME	483359.732	3733354.411	436.00
LOCATION	L0002547	VOLUME	483359.705	3733363.001	436.00
LOCATION	L0002548	VOLUME	483359.679	3733371.591	436.00
LOCATION	L0002549	VOLUME	483359.652	3733380.181	436.00
LOCATION	L0002550	VOLUME	483359.626	3733388.771	436.00
LOCATION	L0002551	VOLUME	483359.599	3733397.361	436.00
LOCATION	L0002552	VOLUME	483359.573	3733405.951	436.00

LOCATION	VOLUME			
L0002553	483359.547	3733414.541	436.00	
L0002554	483359.520	3733423.131	436.00	
L0002555	483359.494	3733431.721	436.00	
L0002556	483359.467	3733440.311	436.00	
L0002557	483359.441	3733448.901	436.00	
L0002558	483359.414	3733457.491	436.00	
L0002559	483359.388	3733466.081	436.00	
L0002560	483359.361	3733474.671	436.00	
L0002561	483359.335	3733483.261	436.00	
L0002562	483359.309	3733491.851	436.00	
L0002563	483359.282	3733500.441	436.00	
L0002564	483359.256	3733509.031	436.00	
L0002565	483359.229	3733517.621	436.00	
L0002566	483359.203	3733526.211	436.00	
L0002567	483359.176	3733534.801	436.00	
L0002568	483359.150	3733543.391	436.00	
L0002569	483358.968	3733551.975	436.00	
L0002570	483353.740	3733555.633	436.00	
L0002571	483345.151	3733555.746	436.00	
L0002572	483336.562	3733555.858	436.00	
L0002573	483327.972	3733555.970	436.00	
L0002574	483319.383	3733556.082	436.00	
L0002575	483310.794	3733556.195	436.00	
L0002576	483302.205	3733556.307	436.00	

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Bldg 1 Onsite E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002123

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 8

** 483364.683, 3733553.432, 436.00, 3.49, 4.00

** 483376.016, 3733559.728, 436.00, 3.49, 4.00

** 483629.539, 3733559.728, 437.00, 3.49, 4.00

** 483640.872, 3733553.222, 437.03, 3.49, 4.00

** 483642.970, 3733042.819, 437.00, 3.49, 4.00

** 483650.945, 3733031.276, 437.00, 3.49, 4.00

** 483660.809, 3733028.967, 437.00, 3.49, 4.00

** 483678.648, 3733028.757, 437.00, 3.49, 4.00

** -----

LOCATION L0002577	VOLUME 483368.438	3733555.518	436.00	
LOCATION L0002578	VOLUME 483375.947	3733559.689	436.00	
LOCATION L0002579	VOLUME 483384.527	3733559.728	436.00	
LOCATION L0002580	VOLUME 483393.117	3733559.728	436.00	
LOCATION L0002581	VOLUME 483401.707	3733559.728	436.00	
LOCATION L0002582	VOLUME 483410.297	3733559.728	436.00	
LOCATION L0002583	VOLUME 483418.887	3733559.728	436.00	
LOCATION L0002584	VOLUME 483427.477	3733559.728	436.00	
LOCATION L0002585	VOLUME 483436.067	3733559.728	436.20	
LOCATION L0002586	VOLUME 483444.657	3733559.728	436.49	
LOCATION L0002587	VOLUME 483453.247	3733559.728	436.77	
LOCATION L0002588	VOLUME 483461.837	3733559.728	437.00	
LOCATION L0002589	VOLUME 483470.427	3733559.728	437.00	
LOCATION L0002590	VOLUME 483479.017	3733559.728	437.00	
LOCATION L0002591	VOLUME 483487.607	3733559.728	437.00	
LOCATION L0002592	VOLUME 483496.197	3733559.728	437.00	
LOCATION L0002593	VOLUME 483504.787	3733559.728	437.00	
LOCATION L0002594	VOLUME 483513.377	3733559.728	437.00	
LOCATION L0002595	VOLUME 483521.967	3733559.728	437.00	
LOCATION L0002596	VOLUME 483530.557	3733559.728	437.00	
LOCATION L0002597	VOLUME 483539.147	3733559.728	437.00	

LOCATION	L0002598	VOLUME	483547.737	3733559.728	437.00
LOCATION	L0002599	VOLUME	483556.327	3733559.728	437.00
LOCATION	L0002600	VOLUME	483564.917	3733559.728	437.00
LOCATION	L0002601	VOLUME	483573.507	3733559.728	437.00
LOCATION	L0002602	VOLUME	483582.097	3733559.728	437.00
LOCATION	L0002603	VOLUME	483590.687	3733559.728	437.00
LOCATION	L0002604	VOLUME	483599.277	3733559.728	437.00
LOCATION	L0002605	VOLUME	483607.867	3733559.728	437.00
LOCATION	L0002606	VOLUME	483616.457	3733559.728	437.00
LOCATION	L0002607	VOLUME	483625.047	3733559.728	437.00
LOCATION	L0002608	VOLUME	483633.093	3733557.688	437.00
LOCATION	L0002609	VOLUME	483640.542	3733553.411	437.02
LOCATION	L0002610	VOLUME	483640.905	3733545.012	437.03
LOCATION	L0002611	VOLUME	483640.941	3733536.422	437.03
LOCATION	L0002612	VOLUME	483640.976	3733527.832	437.03
LOCATION	L0002613	VOLUME	483641.011	3733519.242	437.03
LOCATION	L0002614	VOLUME	483641.047	3733510.652	437.03
LOCATION	L0002615	VOLUME	483641.082	3733502.062	437.02
LOCATION	L0002616	VOLUME	483641.117	3733493.472	437.01
LOCATION	L0002617	VOLUME	483641.153	3733484.882	437.00
LOCATION	L0002618	VOLUME	483641.188	3733476.292	437.00
LOCATION	L0002619	VOLUME	483641.223	3733467.702	437.00
LOCATION	L0002620	VOLUME	483641.259	3733459.112	437.00
LOCATION	L0002621	VOLUME	483641.294	3733450.522	437.01
LOCATION	L0002622	VOLUME	483641.329	3733441.933	437.02
LOCATION	L0002623	VOLUME	483641.364	3733433.343	437.03
LOCATION	L0002624	VOLUME	483641.400	3733424.753	437.04
LOCATION	L0002625	VOLUME	483641.435	3733416.163	437.03
LOCATION	L0002626	VOLUME	483641.470	3733407.573	437.02
LOCATION	L0002627	VOLUME	483641.506	3733398.983	437.00
LOCATION	L0002628	VOLUME	483641.541	3733390.393	437.00
LOCATION	L0002629	VOLUME	483641.576	3733381.803	437.00
LOCATION	L0002630	VOLUME	483641.612	3733373.213	437.00
LOCATION	L0002631	VOLUME	483641.647	3733364.623	437.00
LOCATION	L0002632	VOLUME	483641.682	3733356.033	437.00
LOCATION	L0002633	VOLUME	483641.718	3733347.443	437.00
LOCATION	L0002634	VOLUME	483641.753	3733338.853	437.00
LOCATION	L0002635	VOLUME	483641.788	3733330.263	437.00
LOCATION	L0002636	VOLUME	483641.824	3733321.674	437.00
LOCATION	L0002637	VOLUME	483641.859	3733313.084	437.00
LOCATION	L0002638	VOLUME	483641.894	3733304.494	437.00
LOCATION	L0002639	VOLUME	483641.930	3733295.904	437.00
LOCATION	L0002640	VOLUME	483641.965	3733287.314	437.00
LOCATION	L0002641	VOLUME	483642.000	3733278.724	437.00
LOCATION	L0002642	VOLUME	483642.036	3733270.134	437.00
LOCATION	L0002643	VOLUME	483642.071	3733261.544	437.00
LOCATION	L0002644	VOLUME	483642.106	3733252.954	437.00
LOCATION	L0002645	VOLUME	483642.142	3733244.364	437.00
LOCATION	L0002646	VOLUME	483642.177	3733235.774	437.00
LOCATION	L0002647	VOLUME	483642.212	3733227.184	437.00
LOCATION	L0002648	VOLUME	483642.247	3733218.594	437.00
LOCATION	L0002649	VOLUME	483642.283	3733210.004	437.00
LOCATION	L0002650	VOLUME	483642.318	3733201.415	437.00
LOCATION	L0002651	VOLUME	483642.353	3733192.825	437.00
LOCATION	L0002652	VOLUME	483642.389	3733184.235	437.00
LOCATION	L0002653	VOLUME	483642.424	3733175.645	437.00
LOCATION	L0002654	VOLUME	483642.459	3733167.055	437.00
LOCATION	L0002655	VOLUME	483642.495	3733158.465	437.00
LOCATION	L0002656	VOLUME	483642.530	3733149.875	437.00
LOCATION	L0002657	VOLUME	483642.565	3733141.285	437.00
LOCATION	L0002658	VOLUME	483642.601	3733132.695	437.00
LOCATION	L0002659	VOLUME	483642.636	3733124.105	437.00
LOCATION	L0002660	VOLUME	483642.671	3733115.515	437.00
LOCATION	L0002661	VOLUME	483642.707	3733106.925	437.00
LOCATION	L0002662	VOLUME	483642.742	3733098.335	437.00
LOCATION	L0002663	VOLUME	483642.777	3733089.746	437.00

LOCATION	L0002664	VOLUME	483642.813	3733081.156	437.00
LOCATION	L0002665	VOLUME	483642.848	3733072.566	437.00
LOCATION	L0002666	VOLUME	483642.883	3733063.976	437.00
LOCATION	L0002667	VOLUME	483642.919	3733055.386	437.00
LOCATION	L0002668	VOLUME	483642.954	3733046.796	437.00
LOCATION	L0002669	VOLUME	483645.592	3733039.024	437.00
LOCATION	L0002670	VOLUME	483650.475	3733031.956	437.00
LOCATION	L0002671	VOLUME	483658.504	3733029.507	437.00
LOCATION	L0002672	VOLUME	483667.031	3733028.894	437.00
LOCATION	L0002673	VOLUME	483675.621	3733028.793	437.00

** End of LINE VOLUME Source ID = SLINE5

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Bldg 1 Onsite S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 7.489E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 7

** 483358.231, 3733011.231, 436.00, 3.49, 4.00

** 483369.167, 3733006.446, 436.00, 3.49, 4.00

** 483377.027, 3733003.712, 436.00, 3.49, 4.00

** 483457.338, 3733005.079, 436.03, 3.49, 4.00

** 483483.311, 3733020.800, 436.87, 3.49, 4.00

** 483632.314, 3733023.192, 437.00, 3.49, 4.00

** 483644.959, 3733027.976, 437.00, 3.49, 4.00

** -----

LOCATION	L0002674	VOLUME	483362.166	3733009.509	436.00
LOCATION	L0002675	VOLUME	483370.062	3733006.135	436.00
LOCATION	L0002676	VOLUME	483378.243	3733003.733	436.00
LOCATION	L0002677	VOLUME	483386.832	3733003.879	436.00
LOCATION	L0002678	VOLUME	483395.420	3733004.025	436.00
LOCATION	L0002679	VOLUME	483404.009	3733004.172	436.00
LOCATION	L0002680	VOLUME	483412.598	3733004.318	436.00
LOCATION	L0002681	VOLUME	483421.187	3733004.464	436.00
LOCATION	L0002682	VOLUME	483429.775	3733004.610	436.00
LOCATION	L0002683	VOLUME	483438.364	3733004.756	436.01
LOCATION	L0002684	VOLUME	483446.953	3733004.902	436.02
LOCATION	L0002685	VOLUME	483455.542	3733005.049	436.03
LOCATION	L0002686	VOLUME	483463.150	3733008.597	436.10
LOCATION	L0002687	VOLUME	483470.499	3733013.045	436.35
LOCATION	L0002688	VOLUME	483477.847	3733017.493	436.59
LOCATION	L0002689	VOLUME	483485.514	3733020.835	436.85
LOCATION	L0002690	VOLUME	483494.103	3733020.973	437.00
LOCATION	L0002691	VOLUME	483502.692	3733021.111	437.00
LOCATION	L0002692	VOLUME	483511.281	3733021.249	437.00
LOCATION	L0002693	VOLUME	483519.870	3733021.387	437.00
LOCATION	L0002694	VOLUME	483528.459	3733021.525	437.00
LOCATION	L0002695	VOLUME	483537.047	3733021.662	437.00
LOCATION	L0002696	VOLUME	483545.636	3733021.800	437.00
LOCATION	L0002697	VOLUME	483554.225	3733021.938	437.00
LOCATION	L0002698	VOLUME	483562.814	3733022.076	437.00
LOCATION	L0002699	VOLUME	483571.403	3733022.214	437.00
LOCATION	L0002700	VOLUME	483579.992	3733022.352	437.00
LOCATION	L0002701	VOLUME	483588.581	3733022.490	437.00
LOCATION	L0002702	VOLUME	483597.170	3733022.628	437.00
LOCATION	L0002703	VOLUME	483605.759	3733022.766	437.00
LOCATION	L0002704	VOLUME	483614.347	3733022.904	437.00
LOCATION	L0002705	VOLUME	483622.936	3733023.041	437.00
LOCATION	L0002706	VOLUME	483631.525	3733023.179	437.00
LOCATION	L0002707	VOLUME	483639.610	3733025.953	437.00

** End of LINE VOLUME Source ID = SLINE6

** -----

```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Bldg 2 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 7.976E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 482955.154, 3733155.117, 435.00, 3.49, 4.00
** 483275.858, 3733153.858, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0002708      VOLUME  482959.449 3733155.100 435.00
LOCATION L0002709      VOLUME  482968.039 3733155.066 435.00
LOCATION L0002710      VOLUME  482976.629 3733155.033 435.00
LOCATION L0002711      VOLUME  482985.219 3733154.999 435.00
LOCATION L0002712      VOLUME  482993.809 3733154.965 435.00
LOCATION L0002713      VOLUME  483002.399 3733154.931 435.00
LOCATION L0002714      VOLUME  483010.989 3733154.898 435.00
LOCATION L0002715      VOLUME  483019.579 3733154.864 435.00
LOCATION L0002716      VOLUME  483028.168 3733154.830 435.00
LOCATION L0002717      VOLUME  483036.758 3733154.796 435.00
LOCATION L0002718      VOLUME  483045.348 3733154.763 435.00
LOCATION L0002719      VOLUME  483053.938 3733154.729 435.00
LOCATION L0002720      VOLUME  483062.528 3733154.695 435.00
LOCATION L0002721      VOLUME  483071.118 3733154.662 435.00
LOCATION L0002722      VOLUME  483079.708 3733154.628 435.00
LOCATION L0002723      VOLUME  483088.298 3733154.594 435.00
LOCATION L0002724      VOLUME  483096.888 3733154.560 435.00
LOCATION L0002725      VOLUME  483105.478 3733154.527 435.00
LOCATION L0002726      VOLUME  483114.068 3733154.493 435.00
LOCATION L0002727      VOLUME  483122.658 3733154.459 435.00
LOCATION L0002728      VOLUME  483131.248 3733154.425 435.00
LOCATION L0002729      VOLUME  483139.838 3733154.392 435.02
LOCATION L0002730      VOLUME  483148.428 3733154.358 435.03
LOCATION L0002731      VOLUME  483157.017 3733154.324 435.05
LOCATION L0002732      VOLUME  483165.607 3733154.291 435.23
LOCATION L0002733      VOLUME  483174.197 3733154.257 435.50
LOCATION L0002734      VOLUME  483182.787 3733154.223 435.77
LOCATION L0002735      VOLUME  483191.377 3733154.189 436.00
LOCATION L0002736      VOLUME  483199.967 3733154.156 436.00
LOCATION L0002737      VOLUME  483208.557 3733154.122 436.00
LOCATION L0002738      VOLUME  483217.147 3733154.088 436.00
LOCATION L0002739      VOLUME  483225.737 3733154.054 436.00
LOCATION L0002740      VOLUME  483234.327 3733154.021 436.00
LOCATION L0002741      VOLUME  483242.917 3733153.987 436.00
LOCATION L0002742      VOLUME  483251.507 3733153.953 436.00
LOCATION L0002743      VOLUME  483260.097 3733153.919 436.00
LOCATION L0002744      VOLUME  483268.687 3733153.886 436.00

```

```

** End of LINE VOLUME Source ID = SLINE7

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC Sherman S
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 5.716E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483284.355, 3733011.303, 436.00, 3.49, 6.51
** 483283.671, 3733154.172, 436.00, 3.49, 6.51

```

```

-----
LOCATION L0002745      VOLUME  483284.321 3733018.303 436.00

```

LOCATION	L0002746	VOLUME	483284.254	3733032.303	436.00
LOCATION	L0002747	VOLUME	483284.187	3733046.302	436.00
LOCATION	L0002748	VOLUME	483284.120	3733060.302	436.00
LOCATION	L0002749	VOLUME	483284.053	3733074.302	436.00
LOCATION	L0002750	VOLUME	483283.986	3733088.302	436.00
LOCATION	L0002751	VOLUME	483283.919	3733102.302	436.00
LOCATION	L0002752	VOLUME	483283.852	3733116.302	436.00
LOCATION	L0002753	VOLUME	483283.785	3733130.301	436.00
LOCATION	L0002754	VOLUME	483283.718	3733144.301	436.00

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Sherman C

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 6.339E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.716, 3733152.128, 436.00, 3.49, 6.51

** 483283.716, 3733555.905, 436.00, 3.49, 6.51

** -----

LOCATION	L0002755	VOLUME	483283.716	3733159.128	436.00
LOCATION	L0002756	VOLUME	483283.716	3733173.128	436.00
LOCATION	L0002757	VOLUME	483283.716	3733187.128	436.00
LOCATION	L0002758	VOLUME	483283.716	3733201.128	436.00
LOCATION	L0002759	VOLUME	483283.716	3733215.128	436.00
LOCATION	L0002760	VOLUME	483283.716	3733229.128	436.00
LOCATION	L0002761	VOLUME	483283.716	3733243.128	436.00
LOCATION	L0002762	VOLUME	483283.716	3733257.128	436.00
LOCATION	L0002763	VOLUME	483283.716	3733271.128	436.00
LOCATION	L0002764	VOLUME	483283.716	3733285.128	436.00
LOCATION	L0002765	VOLUME	483283.716	3733299.128	436.00
LOCATION	L0002766	VOLUME	483283.716	3733313.128	436.00
LOCATION	L0002767	VOLUME	483283.716	3733327.128	436.00
LOCATION	L0002768	VOLUME	483283.716	3733341.128	436.00
LOCATION	L0002769	VOLUME	483283.716	3733355.128	436.00
LOCATION	L0002770	VOLUME	483283.716	3733369.128	436.00
LOCATION	L0002771	VOLUME	483283.716	3733383.128	436.00
LOCATION	L0002772	VOLUME	483283.716	3733397.128	436.00
LOCATION	L0002773	VOLUME	483283.716	3733411.128	436.00
LOCATION	L0002774	VOLUME	483283.716	3733425.128	436.00
LOCATION	L0002775	VOLUME	483283.716	3733439.128	436.00
LOCATION	L0002776	VOLUME	483283.716	3733453.128	436.00
LOCATION	L0002777	VOLUME	483283.716	3733467.128	436.00
LOCATION	L0002778	VOLUME	483283.716	3733481.128	436.00
LOCATION	L0002779	VOLUME	483283.716	3733495.128	436.00
LOCATION	L0002780	VOLUME	483283.716	3733509.128	436.00
LOCATION	L0002781	VOLUME	483283.716	3733523.128	436.00
LOCATION	L0002782	VOLUME	483283.716	3733537.128	436.00
LOCATION	L0002783	VOLUME	483283.716	3733551.128	436.00

** End of LINE VOLUME Source ID = SLINE9

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC Sherman N

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.129E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.455, 3733558.069, 436.00, 3.49, 6.51

** 483283.455, 3733666.150, 436.00, 3.49, 6.51

**

LOCATION	L0002784	VOLUME	483283.455	3733565.069	436.00
LOCATION	L0002785	VOLUME	483283.455	3733579.069	436.00
LOCATION	L0002786	VOLUME	483283.455	3733593.069	436.00
LOCATION	L0002787	VOLUME	483283.455	3733607.069	436.00
LOCATION	L0002788	VOLUME	483283.455	3733621.069	436.00
LOCATION	L0002789	VOLUME	483283.455	3733635.069	436.00
LOCATION	L0002790	VOLUME	483283.455	3733649.069	436.00
LOCATION	L0002791	VOLUME	483283.455	3733663.069	436.00

** End of LINE VOLUME Source ID = SLINE10

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Dawson

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 2.527E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483688.720, 3733028.607, 437.00, 3.49, 4.00

** 483686.307, 3733660.381, 438.00, 3.49, 4.00

**

LOCATION	L0002792	VOLUME	483688.703	3733032.902	437.00
LOCATION	L0002793	VOLUME	483688.670	3733041.491	437.00
LOCATION	L0002794	VOLUME	483688.638	3733050.081	437.00
LOCATION	L0002795	VOLUME	483688.605	3733058.671	437.00
LOCATION	L0002796	VOLUME	483688.572	3733067.261	437.00
LOCATION	L0002797	VOLUME	483688.539	3733075.851	437.00
LOCATION	L0002798	VOLUME	483688.506	3733084.441	437.00
LOCATION	L0002799	VOLUME	483688.474	3733093.031	437.00
LOCATION	L0002800	VOLUME	483688.441	3733101.621	437.00
LOCATION	L0002801	VOLUME	483688.408	3733110.211	437.00
LOCATION	L0002802	VOLUME	483688.375	3733118.801	437.00
LOCATION	L0002803	VOLUME	483688.342	3733127.391	437.00
LOCATION	L0002804	VOLUME	483688.310	3733135.981	437.00
LOCATION	L0002805	VOLUME	483688.277	3733144.571	437.00
LOCATION	L0002806	VOLUME	483688.244	3733153.161	437.00
LOCATION	L0002807	VOLUME	483688.211	3733161.751	437.00
LOCATION	L0002808	VOLUME	483688.178	3733170.341	437.00
LOCATION	L0002809	VOLUME	483688.146	3733178.930	437.00
LOCATION	L0002810	VOLUME	483688.113	3733187.520	437.00
LOCATION	L0002811	VOLUME	483688.080	3733196.110	437.00
LOCATION	L0002812	VOLUME	483688.047	3733204.700	437.00
LOCATION	L0002813	VOLUME	483688.014	3733213.290	437.00
LOCATION	L0002814	VOLUME	483687.981	3733221.880	437.00
LOCATION	L0002815	VOLUME	483687.949	3733230.470	437.00
LOCATION	L0002816	VOLUME	483687.916	3733239.060	437.00
LOCATION	L0002817	VOLUME	483687.883	3733247.650	437.00
LOCATION	L0002818	VOLUME	483687.850	3733256.240	437.00
LOCATION	L0002819	VOLUME	483687.817	3733264.830	437.00
LOCATION	L0002820	VOLUME	483687.785	3733273.420	437.00
LOCATION	L0002821	VOLUME	483687.752	3733282.010	437.00
LOCATION	L0002822	VOLUME	483687.719	3733290.600	437.00
LOCATION	L0002823	VOLUME	483687.686	3733299.190	437.00
LOCATION	L0002824	VOLUME	483687.653	3733307.780	437.04
LOCATION	L0002825	VOLUME	483687.621	3733316.369	437.20
LOCATION	L0002826	VOLUME	483687.588	3733324.959	437.37
LOCATION	L0002827	VOLUME	483687.555	3733333.549	437.54
LOCATION	L0002828	VOLUME	483687.522	3733342.139	437.58
LOCATION	L0002829	VOLUME	483687.489	3733350.729	437.58
LOCATION	L0002830	VOLUME	483687.457	3733359.319	437.58
LOCATION	L0002831	VOLUME	483687.424	3733367.909	437.58
LOCATION	L0002832	VOLUME	483687.391	3733376.499	437.58

LOCATION	VOLUME				
L0002833	483687.358	3733385.089	437.58		
L0002834	483687.325	3733393.679	437.57		
L0002835	483687.293	3733402.269	437.66		
L0002836	483687.260	3733410.859	437.78		
L0002837	483687.227	3733419.449	437.91		
L0002838	483687.194	3733428.039	437.97		
L0002839	483687.161	3733436.629	437.85		
L0002840	483687.129	3733445.219	437.72		
L0002841	483687.096	3733453.808	437.60		
L0002842	483687.063	3733462.398	437.57		
L0002843	483687.030	3733470.988	437.56		
L0002844	483686.997	3733479.578	437.56		
L0002845	483686.964	3733488.168	437.59		
L0002846	483686.932	3733496.758	437.72		
L0002847	483686.899	3733505.348	437.84		
L0002848	483686.866	3733513.938	437.97		
L0002849	483686.833	3733522.528	438.00		
L0002850	483686.800	3733531.118	438.00		
L0002851	483686.768	3733539.708	438.00		
L0002852	483686.735	3733548.298	438.00		
L0002853	483686.702	3733556.888	438.00		
L0002854	483686.669	3733565.478	438.00		
L0002855	483686.636	3733574.068	438.00		
L0002856	483686.604	3733582.658	438.00		
L0002857	483686.571	3733591.247	438.00		
L0002858	483686.538	3733599.837	438.00		
L0002859	483686.505	3733608.427	438.00		
L0002860	483686.472	3733617.017	438.00		
L0002861	483686.440	3733625.607	438.00		
L0002862	483686.407	3733634.197	438.00		
L0002863	483686.374	3733642.787	438.00		
L0002864	483686.341	3733651.377	438.00		
L0002865	483686.308	3733659.967	438.00		

** End of LINE VOLUME Source ID = SLINE11

**

 ** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Ethanac E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.606E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483686.610, 3733668.204, 438.00, 3.49, 4.00

** 483284.962, 3733669.571, 436.00, 3.49, 4.00

**

LOCATION	VOLUME				
L0002866	483682.315	3733668.218	438.00		
L0002867	483673.725	3733668.248	438.00		
L0002868	483665.135	3733668.277	438.00		
L0002869	483656.545	3733668.306	438.00		
L0002870	483647.955	3733668.335	438.00		
L0002871	483639.365	3733668.365	437.98		
L0002872	483630.775	3733668.394	437.71		
L0002873	483622.185	3733668.423	437.45		
L0002874	483613.595	3733668.452	437.19		
L0002875	483605.005	3733668.482	437.07		
L0002876	483596.415	3733668.511	437.05		
L0002877	483587.825	3733668.540	437.02		
L0002878	483579.235	3733668.569	437.00		
L0002879	483570.645	3733668.599	437.00		
L0002880	483562.055	3733668.628	437.00		
L0002881	483553.465	3733668.657	437.00		
L0002882	483544.876	3733668.686	437.00		
L0002883	483536.286	3733668.716	437.00		

LOCATION	VOLUME				
L0002884	483527.696	3733668.745	437.00		
L0002885	483519.106	3733668.774	437.00		
L0002886	483510.516	3733668.803	437.00		
L0002887	483501.926	3733668.832	437.00		
L0002888	483493.336	3733668.862	437.00		
L0002889	483484.746	3733668.891	437.00		
L0002890	483476.156	3733668.920	437.00		
L0002891	483467.566	3733668.949	437.00		
L0002892	483458.976	3733668.979	437.00		
L0002893	483450.386	3733669.008	437.00		
L0002894	483441.796	3733669.037	437.00		
L0002895	483433.206	3733669.066	437.00		
L0002896	483424.616	3733669.096	437.00		
L0002897	483416.026	3733669.125	437.00		
L0002898	483407.436	3733669.154	437.00		
L0002899	483398.846	3733669.183	436.96		
L0002900	483390.256	3733669.213	436.67		
L0002901	483381.666	3733669.242	436.39		
L0002902	483373.077	3733669.271	436.10		
L0002903	483364.487	3733669.300	436.00		
L0002904	483355.897	3733669.330	436.00		
L0002905	483347.307	3733669.359	436.00		
L0002906	483338.717	3733669.388	436.00		
L0002907	483330.127	3733669.417	436.00		
L0002908	483321.537	3733669.447	436.00		
L0002909	483312.947	3733669.476	436.00		
L0002910	483304.357	3733669.505	436.00		
L0002911	483295.767	3733669.534	436.00		
L0002912	483287.177	3733669.564	436.00		

** End of LINE VOLUME Source ID = SLINE12

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Ethanac W

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.00002218

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 483283.697, 3733670.145, 436.00, 3.49, 6.51

** 482584.283, 3733672.724, 434.00, 3.49, 6.51

** 482347.808, 3733674.848, 433.94, 3.49, 6.51

** -----

LOCATION	VOLUME				
L0002913	483276.697	3733670.171	436.00		
L0002914	483262.697	3733670.223	436.00		
L0002915	483248.697	3733670.274	436.00		
L0002916	483234.698	3733670.326	436.00		
L0002917	483220.698	3733670.378	436.00		
L0002918	483206.698	3733670.429	436.00		
L0002919	483192.698	3733670.481	436.00		
L0002920	483178.698	3733670.533	436.00		
L0002921	483164.698	3733670.584	436.00		
L0002922	483150.698	3733670.636	435.69		
L0002923	483136.698	3733670.687	435.22		
L0002924	483122.698	3733670.739	435.00		
L0002925	483108.698	3733670.791	435.00		
L0002926	483094.698	3733670.842	435.00		
L0002927	483080.699	3733670.894	435.00		
L0002928	483066.699	3733670.945	435.00		
L0002929	483052.699	3733670.997	435.00		
L0002930	483038.699	3733671.049	435.00		
L0002931	483024.699	3733671.100	435.00		
L0002932	483010.699	3733671.152	435.00		
L0002933	482996.699	3733671.204	435.00		

LOCATION	VOLUME				
LOCATION L0002934	VOLUME	482982.699	3733671.255	435.00	
LOCATION L0002935	VOLUME	482968.699	3733671.307	435.00	
LOCATION L0002936	VOLUME	482954.699	3733671.358	435.00	
LOCATION L0002937	VOLUME	482940.700	3733671.410	435.00	
LOCATION L0002938	VOLUME	482926.700	3733671.462	435.00	
LOCATION L0002939	VOLUME	482912.700	3733671.513	435.00	
LOCATION L0002940	VOLUME	482898.700	3733671.565	435.00	
LOCATION L0002941	VOLUME	482884.700	3733671.616	435.00	
LOCATION L0002942	VOLUME	482870.700	3733671.668	435.00	
LOCATION L0002943	VOLUME	482856.700	3733671.720	435.00	
LOCATION L0002944	VOLUME	482842.700	3733671.771	435.00	
LOCATION L0002945	VOLUME	482828.700	3733671.823	435.00	
LOCATION L0002946	VOLUME	482814.700	3733671.875	435.00	
LOCATION L0002947	VOLUME	482800.700	3733671.926	435.00	
LOCATION L0002948	VOLUME	482786.701	3733671.978	434.64	
LOCATION L0002949	VOLUME	482772.701	3733672.029	434.27	
LOCATION L0002950	VOLUME	482758.701	3733672.081	434.13	
LOCATION L0002951	VOLUME	482744.701	3733672.133	434.03	
LOCATION L0002952	VOLUME	482730.701	3733672.184	434.00	
LOCATION L0002953	VOLUME	482716.701	3733672.236	434.00	
LOCATION L0002954	VOLUME	482702.701	3733672.287	434.00	
LOCATION L0002955	VOLUME	482688.701	3733672.339	434.00	
LOCATION L0002956	VOLUME	482674.701	3733672.391	434.00	
LOCATION L0002957	VOLUME	482660.701	3733672.442	434.00	
LOCATION L0002958	VOLUME	482646.702	3733672.494	434.00	
LOCATION L0002959	VOLUME	482632.702	3733672.546	434.00	
LOCATION L0002960	VOLUME	482618.702	3733672.597	434.00	
LOCATION L0002961	VOLUME	482604.702	3733672.649	434.00	
LOCATION L0002962	VOLUME	482590.702	3733672.700	434.00	
LOCATION L0002963	VOLUME	482576.702	3733672.792	434.00	
LOCATION L0002964	VOLUME	482562.703	3733672.918	434.00	
LOCATION L0002965	VOLUME	482548.703	3733673.044	434.00	
LOCATION L0002966	VOLUME	482534.704	3733673.169	434.00	
LOCATION L0002967	VOLUME	482520.705	3733673.295	434.00	
LOCATION L0002968	VOLUME	482506.705	3733673.421	434.00	
LOCATION L0002969	VOLUME	482492.706	3733673.546	434.00	
LOCATION L0002970	VOLUME	482478.706	3733673.672	434.00	
LOCATION L0002971	VOLUME	482464.707	3733673.798	434.00	
LOCATION L0002972	VOLUME	482450.707	3733673.924	434.00	
LOCATION L0002973	VOLUME	482436.708	3733674.049	434.00	
LOCATION L0002974	VOLUME	482422.708	3733674.175	434.00	
LOCATION L0002975	VOLUME	482408.709	3733674.301	434.00	
LOCATION L0002976	VOLUME	482394.710	3733674.426	434.00	
LOCATION L0002977	VOLUME	482380.710	3733674.552	434.00	
LOCATION L0002978	VOLUME	482366.711	3733674.678	433.87	
LOCATION L0002979	VOLUME	482352.711	3733674.804	433.73	

** End of LINE VOLUME Source ID = SLINE13

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM					
SRCPARAM L0002388	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002389	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002390	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002391	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002392	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002393	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002394	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002395	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002396	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002397	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002398	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002399	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002400	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002401	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002402	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002403	0.0000006459	3.49	4.00	3.25	
SRCPARAM L0002404	0.0000006459	3.49	4.00	3.25	


```
SRCPARAM L0002975      0.000000331      3.49      6.51      3.25
SRCPARAM L0002976      0.000000331      3.49      6.51      3.25
SRCPARAM L0002977      0.000000331      3.49      6.51      3.25
SRCPARAM L0002978      0.000000331      3.49      6.51      3.25
SRCPARAM L0002979      0.000000331      3.49      6.51      3.25
```

** -----

```
URBANSRC ALL
SRCGROUP ALL
```

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

```
RE STARTING
  INCLUDED "14616 Ops Scenario 1.rou"
```

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

```
ME STARTING
SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS
```

ME FINISHED
**

** AERMOD Output Pathway

**
**

```
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "14616 OPS SCENARIO 1.AD\AN00GALL.PLT" 31
  SUMMFILE "14616 Ops Scenario 1.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 1483 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1483 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
```

*** SETUP Finishes Successfully ***

PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 592 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

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

**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 592 Source(s); 1 Source Group(s); and 43 Receptor(s)
with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 592 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)


**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
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

L0002401	0	0.64590E-06	483380.8	3733372.9	436.0	3.49	4.00	3.25
YES								
L0002402	0	0.64590E-06	483380.9	3733364.3	436.0	3.49	4.00	3.25
YES								
L0002403	0	0.64590E-06	483380.9	3733355.7	436.0	3.49	4.00	3.25
YES								
L0002404	0	0.64590E-06	483380.9	3733347.2	436.0	3.49	4.00	3.25
YES								
L0002405	0	0.64590E-06	483381.0	3733338.6	436.0	3.49	4.00	3.25
YES								
L0002406	0	0.64590E-06	483381.0	3733330.0	436.0	3.49	4.00	3.25
YES								
L0002407	0	0.64590E-06	483381.0	3733321.4	436.0	3.49	4.00	3.25
YES								
L0002408	0	0.64590E-06	483381.1	3733312.8	436.0	3.49	4.00	3.25
YES								
L0002409	0	0.64590E-06	483381.1	3733304.2	436.0	3.49	4.00	3.25
YES								
L0002410	0	0.64590E-06	483381.1	3733295.6	436.0	3.49	4.00	3.25
YES								
L0002411	0	0.64590E-06	483381.2	3733287.0	436.0	3.49	4.00	3.25
YES								
L0002412	0	0.64590E-06	483381.2	3733278.4	436.0	3.49	4.00	3.25
YES								
L0002413	0	0.64590E-06	483381.3	3733269.8	436.0	3.49	4.00	3.25
YES								
L0002414	0	0.64590E-06	483381.3	3733261.3	436.0	3.49	4.00	3.25
YES								
L0002415	0	0.64590E-06	483381.3	3733252.7	436.0	3.49	4.00	3.25
YES								
L0002416	0	0.64590E-06	483381.4	3733244.1	436.0	3.49	4.00	3.25
YES								
L0002417	0	0.64590E-06	483381.4	3733235.5	436.0	3.49	4.00	3.25
YES								
L0002418	0	0.64590E-06	483381.4	3733226.9	436.0	3.49	4.00	3.25
YES								
L0002419	0	0.64590E-06	483381.5	3733218.3	436.0	3.49	4.00	3.25
YES								
L0002420	0	0.64590E-06	483381.5	3733209.7	436.0	3.49	4.00	3.25
YES								
L0002421	0	0.64590E-06	483381.6	3733201.1	436.0	3.49	4.00	3.25
YES								
L0002422	0	0.64590E-06	483381.6	3733192.5	436.0	3.49	4.00	3.25
YES								
L0002423	0	0.64590E-06	483381.6	3733183.9	436.0	3.49	4.00	3.25
YES								
L0002424	0	0.64590E-06	483381.7	3733175.4	436.0	3.49	4.00	3.25
YES								
L0002425	0	0.64590E-06	483381.7	3733166.8	436.0	3.49	4.00	3.25
YES								
L0002426	0	0.64590E-06	483381.7	3733158.2	436.0	3.49	4.00	3.25
YES								
L0002427	0	0.64590E-06	483381.8	3733149.6	436.0	3.49	4.00	3.25
YES								


 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 15:34:36

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
--------	---------------	------	---------	-------	-------

L0002480	0	0.22160E-05	483005.5	3733137.4	435.0	3.49	4.00	3.25
YES								
L0002481	0	0.22160E-05	483014.1	3733137.4	435.0	3.49	4.00	3.25
YES								
L0002482	0	0.22160E-05	483022.7	3733137.4	435.0	3.49	4.00	3.25
YES								
L0002483	0	0.22160E-05	483031.3	3733137.3	435.0	3.49	4.00	3.25
YES								
L0002484	0	0.22160E-05	483039.9	3733137.3	435.0	3.49	4.00	3.25
YES								
L0002485	0	0.22160E-05	483048.4	3733137.3	435.0	3.49	4.00	3.25
YES								
L0002486	0	0.22160E-05	483057.0	3733137.2	435.0	3.49	4.00	3.25
YES								
L0002487	0	0.22160E-05	483065.6	3733137.2	435.0	3.49	4.00	3.25
YES								
L0002488	0	0.22160E-05	483074.2	3733137.2	435.0	3.49	4.00	3.25
YES								
L0002489	0	0.22160E-05	483082.8	3733137.1	435.0	3.49	4.00	3.25
YES								
L0002490	0	0.22160E-05	483091.4	3733137.1	435.0	3.49	4.00	3.25
YES								
L0002491	0	0.22160E-05	483100.0	3733137.1	435.0	3.49	4.00	3.25
YES								
L0002492	0	0.22160E-05	483108.6	3733137.0	435.0	3.49	4.00	3.25
YES								
L0002493	0	0.22160E-05	483117.2	3733137.0	435.0	3.49	4.00	3.25
YES								
L0002494	0	0.22160E-05	483125.8	3733137.0	435.0	3.49	4.00	3.25
YES								
L0002495	0	0.22160E-05	483134.3	3733136.9	435.1	3.49	4.00	3.25
YES								
L0002496	0	0.22160E-05	483142.9	3733136.9	435.3	3.49	4.00	3.25
YES								
L0002497	0	0.22160E-05	483151.5	3733136.9	435.5	3.49	4.00	3.25
YES								
L0002498	0	0.22160E-05	483160.1	3733136.8	435.6	3.49	4.00	3.25
YES								
L0002499	0	0.22160E-05	483168.7	3733136.8	435.7	3.49	4.00	3.25
YES								
L0002500	0	0.22160E-05	483177.3	3733136.8	435.9	3.49	4.00	3.25
YES								
L0002501	0	0.21930E-06	483309.6	3733012.7	436.0	3.49	4.00	3.25
YES								
L0002502	0	0.21930E-06	483318.1	3733012.6	436.0	3.49	4.00	3.25
YES								
L0002503	0	0.21930E-06	483326.7	3733012.4	436.0	3.49	4.00	3.25
YES								
L0002504	0	0.21930E-06	483335.3	3733012.3	436.0	3.49	4.00	3.25
YES								
L0002505	0	0.21930E-06	483343.9	3733012.1	436.0	3.49	4.00	3.25
YES								
L0002506	0	0.21930E-06	483351.7	3733013.5	436.0	3.49	4.00	3.25
YES								
L0002507	0	0.21930E-06	483356.4	3733020.7	436.0	3.49	4.00	3.25
YES								

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***


*** 15:34:36

PAGE 5

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*


*** VOLUME SOURCE DATA ***

L0002559	0	0.21930E-06	483359.4	3733466.1	436.0	3.49	4.00	3.25
YES								
L0002560	0	0.21930E-06	483359.4	3733474.7	436.0	3.49	4.00	3.25
YES								
L0002561	0	0.21930E-06	483359.3	3733483.3	436.0	3.49	4.00	3.25
YES								
L0002562	0	0.21930E-06	483359.3	3733491.9	436.0	3.49	4.00	3.25
YES								
L0002563	0	0.21930E-06	483359.3	3733500.4	436.0	3.49	4.00	3.25
YES								
L0002564	0	0.21930E-06	483359.3	3733509.0	436.0	3.49	4.00	3.25
YES								
L0002565	0	0.21930E-06	483359.2	3733517.6	436.0	3.49	4.00	3.25
YES								
L0002566	0	0.21930E-06	483359.2	3733526.2	436.0	3.49	4.00	3.25
YES								
L0002567	0	0.21930E-06	483359.2	3733534.8	436.0	3.49	4.00	3.25
YES								
L0002568	0	0.21930E-06	483359.1	3733543.4	436.0	3.49	4.00	3.25
YES								
L0002569	0	0.21930E-06	483359.0	3733552.0	436.0	3.49	4.00	3.25
YES								
L0002570	0	0.21930E-06	483353.7	3733555.6	436.0	3.49	4.00	3.25
YES								
L0002571	0	0.21930E-06	483345.2	3733555.7	436.0	3.49	4.00	3.25
YES								
L0002572	0	0.21930E-06	483336.6	3733555.9	436.0	3.49	4.00	3.25
YES								
L0002573	0	0.21930E-06	483328.0	3733556.0	436.0	3.49	4.00	3.25
YES								
L0002574	0	0.21930E-06	483319.4	3733556.1	436.0	3.49	4.00	3.25
YES								
L0002575	0	0.21930E-06	483310.8	3733556.2	436.0	3.49	4.00	3.25
YES								
L0002576	0	0.21930E-06	483302.2	3733556.3	436.0	3.49	4.00	3.25
YES								
L0002577	0	0.21890E-06	483368.4	3733555.5	436.0	3.49	4.00	3.25
YES								
L0002578	0	0.21890E-06	483375.9	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002579	0	0.21890E-06	483384.5	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002580	0	0.21890E-06	483393.1	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002581	0	0.21890E-06	483401.7	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002582	0	0.21890E-06	483410.3	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002583	0	0.21890E-06	483418.9	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002584	0	0.21890E-06	483427.5	3733559.7	436.0	3.49	4.00	3.25
YES								
L0002585	0	0.21890E-06	483436.1	3733559.7	436.2	3.49	4.00	3.25
YES								
L0002586	0	0.21890E-06	483444.7	3733559.7	436.5	3.49	4.00	3.25
YES								
L0002587	0	0.21890E-06	483453.2	3733559.7	436.8	3.49	4.00	3.25
YES								


 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 15:34:36

L0002638	0	0.21890E-06	483641.9	3733304.5	437.0	3.49	4.00	3.25
YES								
L0002639	0	0.21890E-06	483641.9	3733295.9	437.0	3.49	4.00	3.25
YES								
L0002640	0	0.21890E-06	483642.0	3733287.3	437.0	3.49	4.00	3.25
YES								
L0002641	0	0.21890E-06	483642.0	3733278.7	437.0	3.49	4.00	3.25
YES								
L0002642	0	0.21890E-06	483642.0	3733270.1	437.0	3.49	4.00	3.25
YES								
L0002643	0	0.21890E-06	483642.1	3733261.5	437.0	3.49	4.00	3.25
YES								
L0002644	0	0.21890E-06	483642.1	3733253.0	437.0	3.49	4.00	3.25
YES								
L0002645	0	0.21890E-06	483642.1	3733244.4	437.0	3.49	4.00	3.25
YES								
L0002646	0	0.21890E-06	483642.2	3733235.8	437.0	3.49	4.00	3.25
YES								
L0002647	0	0.21890E-06	483642.2	3733227.2	437.0	3.49	4.00	3.25
YES								
L0002648	0	0.21890E-06	483642.2	3733218.6	437.0	3.49	4.00	3.25
YES								
L0002649	0	0.21890E-06	483642.3	3733210.0	437.0	3.49	4.00	3.25
YES								
L0002650	0	0.21890E-06	483642.3	3733201.4	437.0	3.49	4.00	3.25
YES								
L0002651	0	0.21890E-06	483642.4	3733192.8	437.0	3.49	4.00	3.25
YES								
L0002652	0	0.21890E-06	483642.4	3733184.2	437.0	3.49	4.00	3.25
YES								
L0002653	0	0.21890E-06	483642.4	3733175.6	437.0	3.49	4.00	3.25
YES								
L0002654	0	0.21890E-06	483642.5	3733167.1	437.0	3.49	4.00	3.25
YES								
L0002655	0	0.21890E-06	483642.5	3733158.5	437.0	3.49	4.00	3.25
YES								
L0002656	0	0.21890E-06	483642.5	3733149.9	437.0	3.49	4.00	3.25
YES								
L0002657	0	0.21890E-06	483642.6	3733141.3	437.0	3.49	4.00	3.25
YES								
L0002658	0	0.21890E-06	483642.6	3733132.7	437.0	3.49	4.00	3.25
YES								
L0002659	0	0.21890E-06	483642.6	3733124.1	437.0	3.49	4.00	3.25
YES								
L0002660	0	0.21890E-06	483642.7	3733115.5	437.0	3.49	4.00	3.25
YES								
L0002661	0	0.21890E-06	483642.7	3733106.9	437.0	3.49	4.00	3.25
YES								
L0002662	0	0.21890E-06	483642.7	3733098.3	437.0	3.49	4.00	3.25
YES								
L0002663	0	0.21890E-06	483642.8	3733089.7	437.0	3.49	4.00	3.25
YES								
L0002664	0	0.21890E-06	483642.8	3733081.2	437.0	3.49	4.00	3.25
YES								
L0002665	0	0.21890E-06	483642.8	3733072.6	437.0	3.49	4.00	3.25
YES								
L0002666	0	0.21890E-06	483642.9	3733064.0	437.0	3.49	4.00	3.25
YES								
L0002667	0	0.21890E-06	483642.9	3733055.4	437.0	3.49	4.00	3.25
YES								

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 15:34:36

L0002717	0	0.21560E-06	483036.8	3733154.8	435.0	3.49	4.00	3.25
YES								
L0002718	0	0.21560E-06	483045.3	3733154.8	435.0	3.49	4.00	3.25
YES								
L0002719	0	0.21560E-06	483053.9	3733154.7	435.0	3.49	4.00	3.25
YES								
L0002720	0	0.21560E-06	483062.5	3733154.7	435.0	3.49	4.00	3.25
YES								
L0002721	0	0.21560E-06	483071.1	3733154.7	435.0	3.49	4.00	3.25
YES								
L0002722	0	0.21560E-06	483079.7	3733154.6	435.0	3.49	4.00	3.25
YES								
L0002723	0	0.21560E-06	483088.3	3733154.6	435.0	3.49	4.00	3.25
YES								
L0002724	0	0.21560E-06	483096.9	3733154.6	435.0	3.49	4.00	3.25
YES								
L0002725	0	0.21560E-06	483105.5	3733154.5	435.0	3.49	4.00	3.25
YES								
L0002726	0	0.21560E-06	483114.1	3733154.5	435.0	3.49	4.00	3.25
YES								
L0002727	0	0.21560E-06	483122.7	3733154.5	435.0	3.49	4.00	3.25
YES								
L0002728	0	0.21560E-06	483131.2	3733154.4	435.0	3.49	4.00	3.25
YES								
L0002729	0	0.21560E-06	483139.8	3733154.4	435.0	3.49	4.00	3.25
YES								
L0002730	0	0.21560E-06	483148.4	3733154.4	435.0	3.49	4.00	3.25
YES								
L0002731	0	0.21560E-06	483157.0	3733154.3	435.1	3.49	4.00	3.25
YES								
L0002732	0	0.21560E-06	483165.6	3733154.3	435.2	3.49	4.00	3.25
YES								
L0002733	0	0.21560E-06	483174.2	3733154.3	435.5	3.49	4.00	3.25
YES								
L0002734	0	0.21560E-06	483182.8	3733154.2	435.8	3.49	4.00	3.25
YES								
L0002735	0	0.21560E-06	483191.4	3733154.2	436.0	3.49	4.00	3.25
YES								
L0002736	0	0.21560E-06	483200.0	3733154.2	436.0	3.49	4.00	3.25
YES								
L0002737	0	0.21560E-06	483208.6	3733154.1	436.0	3.49	4.00	3.25
YES								
L0002738	0	0.21560E-06	483217.1	3733154.1	436.0	3.49	4.00	3.25
YES								
L0002739	0	0.21560E-06	483225.7	3733154.1	436.0	3.49	4.00	3.25
YES								
L0002740	0	0.21560E-06	483234.3	3733154.0	436.0	3.49	4.00	3.25
YES								
L0002741	0	0.21560E-06	483242.9	3733154.0	436.0	3.49	4.00	3.25
YES								
L0002742	0	0.21560E-06	483251.5	3733154.0	436.0	3.49	4.00	3.25
YES								
L0002743	0	0.21560E-06	483260.1	3733153.9	436.0	3.49	4.00	3.25
YES								
L0002744	0	0.21560E-06	483268.7	3733153.9	436.0	3.49	4.00	3.25
YES								
L0002745	0	0.57160E-07	483284.3	3733018.3	436.0	3.49	6.51	3.25
YES								
L0002746	0	0.57160E-07	483284.3	3733032.3	436.0	3.49	6.51	3.25
YES								
L0002747	0	0.57160E-07	483284.2	3733046.3	436.0	3.49	6.51	3.25
YES								

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

15:34:36

L0002796	0	0.34150E-07	483688.6	3733067.3	437.0	3.49	4.00	3.25
YES								
L0002797	0	0.34150E-07	483688.5	3733075.9	437.0	3.49	4.00	3.25
YES								
L0002798	0	0.34150E-07	483688.5	3733084.4	437.0	3.49	4.00	3.25
YES								
L0002799	0	0.34150E-07	483688.5	3733093.0	437.0	3.49	4.00	3.25
YES								
L0002800	0	0.34150E-07	483688.4	3733101.6	437.0	3.49	4.00	3.25
YES								
L0002801	0	0.34150E-07	483688.4	3733110.2	437.0	3.49	4.00	3.25
YES								
L0002802	0	0.34150E-07	483688.4	3733118.8	437.0	3.49	4.00	3.25
YES								
L0002803	0	0.34150E-07	483688.3	3733127.4	437.0	3.49	4.00	3.25
YES								
L0002804	0	0.34150E-07	483688.3	3733136.0	437.0	3.49	4.00	3.25
YES								
L0002805	0	0.34150E-07	483688.3	3733144.6	437.0	3.49	4.00	3.25
YES								
L0002806	0	0.34150E-07	483688.2	3733153.2	437.0	3.49	4.00	3.25
YES								
L0002807	0	0.34150E-07	483688.2	3733161.8	437.0	3.49	4.00	3.25
YES								
L0002808	0	0.34150E-07	483688.2	3733170.3	437.0	3.49	4.00	3.25
YES								
L0002809	0	0.34150E-07	483688.1	3733178.9	437.0	3.49	4.00	3.25
YES								
L0002810	0	0.34150E-07	483688.1	3733187.5	437.0	3.49	4.00	3.25
YES								
L0002811	0	0.34150E-07	483688.1	3733196.1	437.0	3.49	4.00	3.25
YES								
L0002812	0	0.34150E-07	483688.0	3733204.7	437.0	3.49	4.00	3.25
YES								
L0002813	0	0.34150E-07	483688.0	3733213.3	437.0	3.49	4.00	3.25
YES								
L0002814	0	0.34150E-07	483688.0	3733221.9	437.0	3.49	4.00	3.25
YES								
L0002815	0	0.34150E-07	483687.9	3733230.5	437.0	3.49	4.00	3.25
YES								
L0002816	0	0.34150E-07	483687.9	3733239.1	437.0	3.49	4.00	3.25
YES								
L0002817	0	0.34150E-07	483687.9	3733247.6	437.0	3.49	4.00	3.25
YES								
L0002818	0	0.34150E-07	483687.8	3733256.2	437.0	3.49	4.00	3.25
YES								
L0002819	0	0.34150E-07	483687.8	3733264.8	437.0	3.49	4.00	3.25
YES								
L0002820	0	0.34150E-07	483687.8	3733273.4	437.0	3.49	4.00	3.25
YES								
L0002821	0	0.34150E-07	483687.8	3733282.0	437.0	3.49	4.00	3.25
YES								
L0002822	0	0.34150E-07	483687.7	3733290.6	437.0	3.49	4.00	3.25
YES								
L0002823	0	0.34150E-07	483687.7	3733299.2	437.0	3.49	4.00	3.25
YES								
L0002824	0	0.34150E-07	483687.7	3733307.8	437.0	3.49	4.00	3.25
YES								
L0002825	0	0.34150E-07	483687.6	3733316.4	437.2	3.49	4.00	3.25
YES								
L0002826	0	0.34150E-07	483687.6	3733325.0	437.4	3.49	4.00	3.25
YES								
L0002827	0	0.34150E-07	483687.6	3733333.5	437.5	3.49	4.00	3.25
YES								

L0002875 YES	0	0.34170E-07	483605.0	3733668.5	437.1	3.49	4.00	3.25
L0002876 YES	0	0.34170E-07	483596.4	3733668.5	437.1	3.49	4.00	3.25
L0002877 YES	0	0.34170E-07	483587.8	3733668.5	437.0	3.49	4.00	3.25
L0002878 YES	0	0.34170E-07	483579.2	3733668.6	437.0	3.49	4.00	3.25
L0002879 YES	0	0.34170E-07	483570.6	3733668.6	437.0	3.49	4.00	3.25
L0002880 YES	0	0.34170E-07	483562.1	3733668.6	437.0	3.49	4.00	3.25
L0002881 YES	0	0.34170E-07	483553.5	3733668.7	437.0	3.49	4.00	3.25
L0002882 YES	0	0.34170E-07	483544.9	3733668.7	437.0	3.49	4.00	3.25
L0002883 YES	0	0.34170E-07	483536.3	3733668.7	437.0	3.49	4.00	3.25
L0002884 YES	0	0.34170E-07	483527.7	3733668.7	437.0	3.49	4.00	3.25
L0002885 YES	0	0.34170E-07	483519.1	3733668.8	437.0	3.49	4.00	3.25
L0002886 YES	0	0.34170E-07	483510.5	3733668.8	437.0	3.49	4.00	3.25
L0002887 YES	0	0.34170E-07	483501.9	3733668.8	437.0	3.49	4.00	3.25
L0002888 YES	0	0.34170E-07	483493.3	3733668.9	437.0	3.49	4.00	3.25
L0002889 YES	0	0.34170E-07	483484.7	3733668.9	437.0	3.49	4.00	3.25
L0002890 YES	0	0.34170E-07	483476.2	3733668.9	437.0	3.49	4.00	3.25
L0002891 YES	0	0.34170E-07	483467.6	3733668.9	437.0	3.49	4.00	3.25
L0002892 YES	0	0.34170E-07	483459.0	3733669.0	437.0	3.49	4.00	3.25
L0002893 YES	0	0.34170E-07	483450.4	3733669.0	437.0	3.49	4.00	3.25
L0002894 YES	0	0.34170E-07	483441.8	3733669.0	437.0	3.49	4.00	3.25
L0002895 YES	0	0.34170E-07	483433.2	3733669.1	437.0	3.49	4.00	3.25
L0002896 YES	0	0.34170E-07	483424.6	3733669.1	437.0	3.49	4.00	3.25
L0002897 YES	0	0.34170E-07	483416.0	3733669.1	437.0	3.49	4.00	3.25
L0002898 YES	0	0.34170E-07	483407.4	3733669.2	437.0	3.49	4.00	3.25
L0002899 YES	0	0.34170E-07	483398.8	3733669.2	437.0	3.49	4.00	3.25
L0002900 YES	0	0.34170E-07	483390.3	3733669.2	436.7	3.49	4.00	3.25
L0002901 YES	0	0.34170E-07	483381.7	3733669.2	436.4	3.49	4.00	3.25
L0002902 YES	0	0.34170E-07	483373.1	3733669.3	436.1	3.49	4.00	3.25
L0002903 YES	0	0.34170E-07	483364.5	3733669.3	436.0	3.49	4.00	3.25
L0002904 YES	0	0.34170E-07	483355.9	3733669.3	436.0	3.49	4.00	3.25
L0002905 YES	0	0.34170E-07	483347.3	3733669.4	436.0	3.49	4.00	3.25
L0002906 YES	0	0.34170E-07	483338.7	3733669.4	436.0	3.49	4.00	3.25
L0002907 YES	0	0.34170E-07	483330.1	3733669.4	436.0	3.49	4.00	3.25

L0002954	0	0.33100E-06	482702.7	3733672.3	434.0	3.49	6.51	3.25
YES								
L0002955	0	0.33100E-06	482688.7	3733672.3	434.0	3.49	6.51	3.25
YES								
L0002956	0	0.33100E-06	482674.7	3733672.4	434.0	3.49	6.51	3.25
YES								
L0002957	0	0.33100E-06	482660.7	3733672.4	434.0	3.49	6.51	3.25
YES								
L0002958	0	0.33100E-06	482646.7	3733672.5	434.0	3.49	6.51	3.25
YES								
L0002959	0	0.33100E-06	482632.7	3733672.5	434.0	3.49	6.51	3.25
YES								
L0002960	0	0.33100E-06	482618.7	3733672.6	434.0	3.49	6.51	3.25
YES								
L0002961	0	0.33100E-06	482604.7	3733672.6	434.0	3.49	6.51	3.25
YES								
L0002962	0	0.33100E-06	482590.7	3733672.7	434.0	3.49	6.51	3.25
YES								
L0002963	0	0.33100E-06	482576.7	3733672.8	434.0	3.49	6.51	3.25
YES								
L0002964	0	0.33100E-06	482562.7	3733672.9	434.0	3.49	6.51	3.25
YES								
L0002965	0	0.33100E-06	482548.7	3733673.0	434.0	3.49	6.51	3.25
YES								
L0002966	0	0.33100E-06	482534.7	3733673.2	434.0	3.49	6.51	3.25
YES								
L0002967	0	0.33100E-06	482520.7	3733673.3	434.0	3.49	6.51	3.25
YES								
L0002968	0	0.33100E-06	482506.7	3733673.4	434.0	3.49	6.51	3.25
YES								
L0002969	0	0.33100E-06	482492.7	3733673.5	434.0	3.49	6.51	3.25
YES								
L0002970	0	0.33100E-06	482478.7	3733673.7	434.0	3.49	6.51	3.25
YES								
L0002971	0	0.33100E-06	482464.7	3733673.8	434.0	3.49	6.51	3.25
YES								
L0002972	0	0.33100E-06	482450.7	3733673.9	434.0	3.49	6.51	3.25
YES								
L0002973	0	0.33100E-06	482436.7	3733674.0	434.0	3.49	6.51	3.25
YES								
L0002974	0	0.33100E-06	482422.7	3733674.2	434.0	3.49	6.51	3.25
YES								
L0002975	0	0.33100E-06	482408.7	3733674.3	434.0	3.49	6.51	3.25
YES								
L0002976	0	0.33100E-06	482394.7	3733674.4	434.0	3.49	6.51	3.25
YES								
L0002977	0	0.33100E-06	482380.7	3733674.6	434.0	3.49	6.51	3.25
YES								
L0002978	0	0.33100E-06	482366.7	3733674.7	433.9	3.49	6.51	3.25
YES								
L0002979	0	0.33100E-06	482352.7	3733674.8	433.7	3.49	6.51	3.25
YES								

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 15:34:36

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL L0002388 , L0002389 , L0002390 , L0002391 , L0002392 , L0002393
 , L0002394 , L0002395 ,

 L0002396 , L0002397 , L0002398 , L0002399 , L0002400 , L0002401
 , L0002402 , L0002403 ,

 L0002404 , L0002405 , L0002406 , L0002407 , L0002408 , L0002409
 , L0002410 , L0002411 ,

 L0002412 , L0002413 , L0002414 , L0002415 , L0002416 , L0002417
 , L0002418 , L0002419 ,

 L0002420 , L0002421 , L0002422 , L0002423 , L0002424 , L0002425
 , L0002426 , L0002427 ,

 L0002428 , L0002429 , L0002430 , L0002431 , L0002432 , L0002433
 , L0002434 , L0002435 ,

 L0002436 , L0002437 , L0002438 , L0002439 , L0002440 , L0002441
 , L0002442 , L0002443 ,

 L0002444 , L0002445 , L0002446 , L0002447 , L0002448 , L0002449
 , L0002450 , L0002451 ,

 L0002452 , L0002453 , L0002454 , L0002455 , L0002456 , L0002457
 , L0002458 , L0002459 ,

 L0002460 , L0002461 , L0002462 , L0002463 , L0002464 , L0002465
 , L0002466 , L0002467 ,

 L0002468 , L0002469 , L0002470 , L0002471 , L0002472 , L0002473
 , L0002474 , L0002475 ,

 L0002476 , L0002477 , L0002478 , L0002479 , L0002480 , L0002481
 , L0002482 , L0002483 ,

 L0002484 , L0002485 , L0002486 , L0002487 , L0002488 , L0002489
 , L0002490 , L0002491 ,

 L0002492 , L0002493 , L0002494 , L0002495 , L0002496 , L0002497
 , L0002498 , L0002499 ,

 L0002500 , L0002501 , L0002502 , L0002503 , L0002504 , L0002505
 , L0002506 , L0002507 ,

 L0002508 , L0002509 , L0002510 , L0002511 , L0002512 , L0002513
 , L0002514 , L0002515 ,

 L0002516 , L0002517 , L0002518 , L0002519 , L0002520 , L0002521
 , L0002522 , L0002523 ,

 L0002524 , L0002525 , L0002526 , L0002527 , L0002528 , L0002529
 , L0002530 , L0002531 ,

 L0002532 , L0002533 , L0002534 , L0002535 , L0002536 , L0002537
 , L0002538 , L0002539 ,

 L0002540 , L0002541 , L0002542 , L0002543 , L0002544 , L0002545
 , L0002546 , L0002547 ,

FF *** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAS\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 15:34:36

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0002548	,	L0002549	,	L0002550	,	L0002551	,	L0002552	,	L0002553
, L0002554		, L0002555		,						
L0002556	,	L0002557	,	L0002558	,	L0002559	,	L0002560	,	L0002561
, L0002562		, L0002563		,						
L0002564	,	L0002565	,	L0002566	,	L0002567	,	L0002568	,	L0002569
, L0002570		, L0002571		,						
L0002572	,	L0002573	,	L0002574	,	L0002575	,	L0002576	,	L0002577
, L0002578		, L0002579		,						
L0002580	,	L0002581	,	L0002582	,	L0002583	,	L0002584	,	L0002585
, L0002586		, L0002587		,						
L0002588	,	L0002589	,	L0002590	,	L0002591	,	L0002592	,	L0002593
, L0002594		, L0002595		,						
L0002596	,	L0002597	,	L0002598	,	L0002599	,	L0002600	,	L0002601
, L0002602		, L0002603		,						
L0002604	,	L0002605	,	L0002606	,	L0002607	,	L0002608	,	L0002609
, L0002610		, L0002611		,						
L0002612	,	L0002613	,	L0002614	,	L0002615	,	L0002616	,	L0002617
, L0002618		, L0002619		,						
L0002620	,	L0002621	,	L0002622	,	L0002623	,	L0002624	,	L0002625
, L0002626		, L0002627		,						
L0002628	,	L0002629	,	L0002630	,	L0002631	,	L0002632	,	L0002633
, L0002634		, L0002635		,						
L0002636	,	L0002637	,	L0002638	,	L0002639	,	L0002640	,	L0002641
, L0002642		, L0002643		,						
L0002644	,	L0002645	,	L0002646	,	L0002647	,	L0002648	,	L0002649
, L0002650		, L0002651		,						
L0002652	,	L0002653	,	L0002654	,	L0002655	,	L0002656	,	L0002657
, L0002658		, L0002659		,						
L0002660	,	L0002661	,	L0002662	,	L0002663	,	L0002664	,	L0002665
, L0002666		, L0002667		,						
L0002668	,	L0002669	,	L0002670	,	L0002671	,	L0002672	,	L0002673
, L0002674		, L0002675		,						
L0002676	,	L0002677	,	L0002678	,	L0002679	,	L0002680	,	L0002681
, L0002682		, L0002683		,						
L0002684	,	L0002685	,	L0002686	,	L0002687	,	L0002688	,	L0002689
, L0002690		, L0002691		,						
L0002692	,	L0002693	,	L0002694	,	L0002695	,	L0002696	,	L0002697
, L0002698		, L0002699		,						

L0002700 , L0002701 , L0002702 , L0002703 , L0002704 , L0002705
, L0002706 , L0002707 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 15:34:36

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0002708 , L0002709 , L0002710 , L0002711 , L0002712 , L0002713
, L0002714 , L0002715 ,

L0002716 , L0002717 , L0002718 , L0002719 , L0002720 , L0002721
, L0002722 , L0002723 ,

L0002724 , L0002725 , L0002726 , L0002727 , L0002728 , L0002729
, L0002730 , L0002731 ,

L0002732 , L0002733 , L0002734 , L0002735 , L0002736 , L0002737
, L0002738 , L0002739 ,

L0002740 , L0002741 , L0002742 , L0002743 , L0002744 , L0002745
, L0002746 , L0002747 ,

L0002748 , L0002749 , L0002750 , L0002751 , L0002752 , L0002753
, L0002754 , L0002755 ,

L0002756 , L0002757 , L0002758 , L0002759 , L0002760 , L0002761
, L0002762 , L0002763 ,

L0002764 , L0002765 , L0002766 , L0002767 , L0002768 , L0002769
, L0002770 , L0002771 ,

L0002772 , L0002773 , L0002774 , L0002775 , L0002776 , L0002777
, L0002778 , L0002779 ,

L0002780 , L0002781 , L0002782 , L0002783 , L0002784 , L0002785
, L0002786 , L0002787 ,

L0002788 , L0002789 , L0002790 , L0002791 , L0002792 , L0002793
, L0002794 , L0002795 ,

L0002796 , L0002797 , L0002798 , L0002799 , L0002800 , L0002801
, L0002802 , L0002803 ,

L0002804 , L0002805 , L0002806 , L0002807 , L0002808 , L0002809
, L0002810 , L0002811 ,

L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817
, L0002818 , L0002819 ,

L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825
, L0002826 , L0002827 ,

L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , L0002833
, L0002834 , L0002835 ,

L0002836 , L0002837 , L0002838 , L0002839 , L0002840 , L0002841

, L0002842 , L0002843 ,
 L0002844 , L0002845 , L0002846 , L0002847 , L0002848 , L0002849
 , L0002850 , L0002851 ,
 L0002852 , L0002853 , L0002854 , L0002855 , L0002856 , L0002857
 , L0002858 , L0002859 ,
 L0002860 , L0002861 , L0002862 , L0002863 , L0002864 , L0002865
 , L0002866 , L0002867 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 15:34:36

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0002868 , L0002869 , L0002870 , L0002871 , L0002872 , L0002873
 , L0002874 , L0002875 ,
 L0002876 , L0002877 , L0002878 , L0002879 , L0002880 , L0002881
 , L0002882 , L0002883 ,
 L0002884 , L0002885 , L0002886 , L0002887 , L0002888 , L0002889
 , L0002890 , L0002891 ,
 L0002892 , L0002893 , L0002894 , L0002895 , L0002896 , L0002897
 , L0002898 , L0002899 ,
 L0002900 , L0002901 , L0002902 , L0002903 , L0002904 , L0002905
 , L0002906 , L0002907 ,
 L0002908 , L0002909 , L0002910 , L0002911 , L0002912 , L0002913
 , L0002914 , L0002915 ,
 L0002916 , L0002917 , L0002918 , L0002919 , L0002920 , L0002921
 , L0002922 , L0002923 ,
 L0002924 , L0002925 , L0002926 , L0002927 , L0002928 , L0002929
 , L0002930 , L0002931 ,
 L0002932 , L0002933 , L0002934 , L0002935 , L0002936 , L0002937
 , L0002938 , L0002939 ,
 L0002940 , L0002941 , L0002942 , L0002943 , L0002944 , L0002945
 , L0002946 , L0002947 ,
 L0002948 , L0002949 , L0002950 , L0002951 , L0002952 , L0002953
 , L0002954 , L0002955 ,
 L0002956 , L0002957 , L0002958 , L0002959 , L0002960 , L0002961
 , L0002962 , L0002963 ,
 L0002964 , L0002965 , L0002966 , L0002967 , L0002968 , L0002969
 , L0002970 , L0002971 ,
 L0002972 , L0002973 , L0002974 , L0002975 , L0002976 , L0002977
 , L0002978 , L0002979 ,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0002395	2189641. L0002393	L0002388 , L0002394	, L0002389 ,	, L0002390 ,	, L0002391 ,	, L0002392 ,	
	L0002396 , L0002402	, L0002397 , L0002403	, L0002398 ,	, L0002399 ,	, L0002400 ,	, L0002401	
	L0002404 , L0002410	, L0002405 , L0002411	, L0002406 ,	, L0002407 ,	, L0002408 ,	, L0002409	
	L0002412 , L0002418	, L0002413 , L0002419	, L0002414 ,	, L0002415 ,	, L0002416 ,	, L0002417	
	L0002420 , L0002426	, L0002421 , L0002427	, L0002422 ,	, L0002423 ,	, L0002424 ,	, L0002425	
	L0002428 , L0002434	, L0002429 , L0002435	, L0002430 ,	, L0002431 ,	, L0002432 ,	, L0002433	
	L0002436 , L0002442	, L0002437 , L0002443	, L0002438 ,	, L0002439 ,	, L0002440 ,	, L0002441	
	L0002444 , L0002450	, L0002445 , L0002451	, L0002446 ,	, L0002447 ,	, L0002448 ,	, L0002449	
	L0002452 , L0002458	, L0002453 , L0002459	, L0002454 ,	, L0002455 ,	, L0002456 ,	, L0002457	
	L0002460 , L0002466	, L0002461 , L0002467	, L0002462 ,	, L0002463 ,	, L0002464 ,	, L0002465	
	L0002468 , L0002474	, L0002469 , L0002475	, L0002470 ,	, L0002471 ,	, L0002472 ,	, L0002473	
	L0002476 , L0002482	, L0002477 , L0002483	, L0002478 ,	, L0002479 ,	, L0002480 ,	, L0002481	
	L0002484 , L0002490	, L0002485 , L0002491	, L0002486 ,	, L0002487 ,	, L0002488 ,	, L0002489	
	L0002492 , L0002498	, L0002493 , L0002499	, L0002494 ,	, L0002495 ,	, L0002496 ,	, L0002497	
	L0002500 , L0002506	, L0002501 , L0002507	, L0002502 ,	, L0002503 ,	, L0002504 ,	, L0002505	
	L0002508 , L0002514	, L0002509 , L0002515	, L0002510 ,	, L0002511 ,	, L0002512 ,	, L0002513	
	L0002516 , L0002522	, L0002517 , L0002523	, L0002518 ,	, L0002519 ,	, L0002520 ,	, L0002521	

L0002524 , L0002525 , L0002526 , L0002527 , L0002528 , L0002529
 , L0002530 , L0002531 ,
 L0002532 , L0002533 , L0002534 , L0002535 , L0002536 , L0002537
 , L0002538 , L0002539 ,
 L0002540 , L0002541 , L0002542 , L0002543 , L0002544 , L0002545
 , L0002546 , L0002547 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

15:34:36

PAGE 22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0002548 , L0002554	L0002549 , L0002555	L0002550 ,	L0002551 ,	L0002552 ,	L0002553 ,		
L0002556 , L0002562	L0002557 , L0002563	L0002558 ,	L0002559 ,	L0002560 ,	L0002561 ,		
L0002564 , L0002570	L0002565 , L0002571	L0002566 ,	L0002567 ,	L0002568 ,	L0002569 ,		
L0002572 , L0002578	L0002573 , L0002579	L0002574 ,	L0002575 ,	L0002576 ,	L0002577 ,		
L0002580 , L0002586	L0002581 , L0002587	L0002582 ,	L0002583 ,	L0002584 ,	L0002585 ,		
L0002588 , L0002594	L0002589 , L0002595	L0002590 ,	L0002591 ,	L0002592 ,	L0002593 ,		
L0002596 , L0002602	L0002597 , L0002603	L0002598 ,	L0002599 ,	L0002600 ,	L0002601 ,		
L0002604 , L0002610	L0002605 , L0002611	L0002606 ,	L0002607 ,	L0002608 ,	L0002609 ,		
L0002612 , L0002618	L0002613 , L0002619	L0002614 ,	L0002615 ,	L0002616 ,	L0002617 ,		
L0002620 , L0002626	L0002621 , L0002627	L0002622 ,	L0002623 ,	L0002624 ,	L0002625 ,		
L0002628 , L0002634	L0002629 , L0002635	L0002630 ,	L0002631 ,	L0002632 ,	L0002633 ,		
L0002636 , L0002642	L0002637 , L0002643	L0002638 ,	L0002639 ,	L0002640 ,	L0002641 ,		
L0002644 , L0002650	L0002645 , L0002651	L0002646 ,	L0002647 ,	L0002648 ,	L0002649 ,		
L0002652 , L0002658	L0002653 , L0002659	L0002654 ,	L0002655 ,	L0002656 ,	L0002657 ,		

L0002660 , L0002661 , L0002662 , L0002663 , L0002664 , L0002665
 , L0002666 , L0002667 ,
 L0002668 , L0002669 , L0002670 , L0002671 , L0002672 , L0002673
 , L0002674 , L0002675 ,
 L0002676 , L0002677 , L0002678 , L0002679 , L0002680 , L0002681
 , L0002682 , L0002683 ,
 L0002684 , L0002685 , L0002686 , L0002687 , L0002688 , L0002689
 , L0002690 , L0002691 ,
 L0002692 , L0002693 , L0002694 , L0002695 , L0002696 , L0002697
 , L0002698 , L0002699 ,
 L0002700 , L0002701 , L0002702 , L0002703 , L0002704 , L0002705
 , L0002706 , L0002707 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 15:34:36

PAGE 23

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0002708 , L0002714	L0002709 , L0002715	L0002710 ,	L0002711 ,	L0002712 ,	L0002713 ,	L0002714 ,	
L0002716 , L0002722	L0002717 , L0002723	L0002718 ,	L0002719 ,	L0002720 ,	L0002721 ,	L0002722 ,	
L0002724 , L0002730	L0002725 , L0002731	L0002726 ,	L0002727 ,	L0002728 ,	L0002729 ,	L0002730 ,	
L0002732 , L0002738	L0002733 , L0002739	L0002734 ,	L0002735 ,	L0002736 ,	L0002737 ,	L0002738 ,	
L0002740 , L0002746	L0002741 , L0002747	L0002742 ,	L0002743 ,	L0002744 ,	L0002745 ,	L0002746 ,	
L0002748 , L0002754	L0002749 , L0002755	L0002750 ,	L0002751 ,	L0002752 ,	L0002753 ,	L0002754 ,	
L0002756 , L0002762	L0002757 , L0002763	L0002758 ,	L0002759 ,	L0002760 ,	L0002761 ,	L0002762 ,	
L0002764 , L0002770	L0002765 , L0002771	L0002766 ,	L0002767 ,	L0002768 ,	L0002769 ,	L0002770 ,	
L0002772 , L0002778	L0002773 , L0002779	L0002774 ,	L0002775 ,	L0002776 ,	L0002777 ,	L0002778 ,	
L0002780 , L0002786	L0002781 , L0002787	L0002782 ,	L0002783 ,	L0002784 ,	L0002785 ,	L0002786 ,	
L0002788 , L0002794	L0002789 , L0002795	L0002790 ,	L0002791 ,	L0002792 ,	L0002793 ,	L0002794 ,	
L0002796 ,	L0002797 ,	L0002798 ,	L0002799 ,	L0002800 ,	L0002801 ,	L0002802 ,	

, L0002802 , L0002803 ,
L0002804 , L0002805 , L0002806 , L0002807 , L0002808 , L0002809
, L0002810 , L0002811 ,
L0002812 , L0002813 , L0002814 , L0002815 , L0002816 , L0002817
, L0002818 , L0002819 ,
L0002820 , L0002821 , L0002822 , L0002823 , L0002824 , L0002825
, L0002826 , L0002827 ,
L0002828 , L0002829 , L0002830 , L0002831 , L0002832 , L0002833
, L0002834 , L0002835 ,
L0002836 , L0002837 , L0002838 , L0002839 , L0002840 , L0002841
, L0002842 , L0002843 ,
L0002844 , L0002845 , L0002846 , L0002847 , L0002848 , L0002849
, L0002850 , L0002851 ,
L0002852 , L0002853 , L0002854 , L0002855 , L0002856 , L0002857
, L0002858 , L0002859 ,
L0002860 , L0002861 , L0002862 , L0002863 , L0002864 , L0002865
, L0002866 , L0002867 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 15:34:36

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0002868 , L0002874	, L0002869 , L0002875	, L0002870 , L0002871 , L0002872 , L0002873
L0002876 , L0002882	, L0002877 , L0002883	, L0002878 , L0002879 , L0002880 , L0002881
L0002884 , L0002890	, L0002885 , L0002891	, L0002886 , L0002887 , L0002888 , L0002889
L0002892 , L0002898	, L0002893 , L0002899	, L0002894 , L0002895 , L0002896 , L0002897
L0002900 , L0002906	, L0002901 , L0002907	, L0002902 , L0002903 , L0002904 , L0002905
L0002908 , L0002914	, L0002909 , L0002915	, L0002910 , L0002911 , L0002912 , L0002913
L0002916 , L0002922	, L0002917 , L0002923	, L0002918 , L0002919 , L0002920 , L0002921
L0002924 , L0002930	, L0002925 , L0002931	, L0002926 , L0002927 , L0002928 , L0002929
L0002932 , L0002938	, L0002933 , L0002939	, L0002934 , L0002935 , L0002936 , L0002937

L0002940 , L0002941 , L0002942 , L0002943 , L0002944 , L0002945
 , L0002946 , L0002947 ,
 L0002948 , L0002949 , L0002950 , L0002951 , L0002952 , L0002953
 , L0002954 , L0002955 ,
 L0002956 , L0002957 , L0002958 , L0002959 , L0002960 , L0002961
 , L0002962 , L0002963 ,
 L0002964 , L0002965 , L0002966 , L0002967 , L0002968 , L0002969
 , L0002970 , L0002971 ,
 L0002972 , L0002973 , L0002974 , L0002975 , L0002976 , L0002977
 , L0002978 , L0002979 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 15:34:36

PAGE 25

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(482903.9, 3733274.3,	435.0,	435.0,	0.0);	(483004.9,
3733280.9,	435.0,	435.0,	0.0);	
(483243.6, 3733236.0,	436.0,	436.0,	0.0);	(483264.6,
3733407.7,	436.0,	436.0,	0.0);	
(483238.7, 3733517.3,	436.0,	436.0,	0.0);	(483265.1,
3733637.7,	436.0,	436.0,	0.0);	
(483303.1, 3733611.0,	436.0,	436.0,	0.0);	(483302.9,
3733641.9,	436.0,	436.0,	0.0);	
(483384.3, 3733572.8,	436.0,	436.0,	0.0);	(483423.9,
3733572.6,	436.0,	436.0,	0.0);	
(483498.5, 3733572.2,	437.0,	437.0,	0.0);	(483293.6,
3733687.6,	436.0,	436.0,	0.0);	
(483365.6, 3733684.5,	436.0,	436.0,	0.0);	(483402.7,
3733683.6,	437.0,	437.0,	0.0);	
(483502.6, 3733682.4,	437.0,	437.0,	0.0);	(483564.9,
3733686.7,	437.0,	437.0,	0.0);	
(483600.1, 3733682.9,	437.4,	437.4,	0.0);	(483638.3,
3733683.8,	438.0,	438.0,	0.0);	
(483700.0, 3733613.7,	438.0,	438.0,	0.0);	(483700.0,
3733575.3,	438.0,	438.0,	0.0);	
(484004.2, 3733371.8,	439.0,	439.0,	0.0);	(483716.1,
3733033.8,	437.5,	437.5,	0.0);	
(483692.6, 3732866.7,	437.0,	437.0,	0.0);	(483596.0,
3732864.7,	437.0,	437.0,	0.0);	
(482869.2, 3732844.8,	435.0,	435.0,	0.0);	(482856.2,
3733633.6,	435.0,	435.0,	0.0);	
(482951.7, 3733649.7,	435.0,	435.0,	0.0);	(483091.5,
3733653.1,	435.0,	435.0,	0.0);	
(483130.9, 3733647.6,	435.0,	435.0,	0.0);	(483162.7,
3733571.4,	435.1,	435.1,	0.0);	
(483749.7, 3733682.6,	438.0,	438.0,	0.0);	(483789.0,
3733683.1,	438.0,	438.0,	0.0);	
(483201.7, 3733934.3,	436.0,	436.0,	0.0);	(484158.8,
3733885.1,	441.5,	441.5,	0.0);	
(484124.8, 3733942.3,	441.2,	441.2,	0.0);	(484180.6,
3733886.5,	442.0,	442.0,	0.0);	
(484147.0, 3733304.5,	439.9,	439.9,	0.0);	(484147.5,
3733236.7,	439.0,	439.0,	0.0);	
(484135.8, 3733207.9,	439.0,	439.0,	0.0);	(484136.3,

Year: 2010

Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD		HT	REF	TA	HT												
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
335.		9.1		282.5	5.5												
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
142.		9.1		280.9	5.5												
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
324.		9.1		280.4	5.5												
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40		
294.		9.1		278.8	5.5												
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90		
205.		9.1		278.1	5.5												
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00			
0.40		3.		9.1	277.0	5.5											
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30		
99.		9.1		277.0	5.5												
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90		
319.		9.1		278.8	5.5												
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90		
239.		9.1		284.2	5.5												
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40		
188.		9.1		289.2	5.5												
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70		
310.		9.1		290.9	5.5												
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20		
357.		9.1		293.1	5.5												
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20		
356.		9.1		293.8	5.5												
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20		
50.		9.1		294.2	5.5												
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80		
53.		9.1		293.8	5.5												
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80		
11.		9.1		292.5	5.5												
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90		
351.		9.1		290.4	5.5												
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
186.		9.1		287.5	5.5												
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
275.		9.1		285.9	5.5												
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40		
181.		9.1		285.4	5.5												
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30		
318.		9.1		284.9	5.5												
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
196.		9.1		283.1	5.5												
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
330.		9.1		281.4	5.5												
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
332.		9.1		280.9	5.5												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002388 , L0002389 , L0002390 , L0002391 , L0002392 , L0002393 , L0002394 , L0002395 , L0002396 , L0002397 , L0002398 , L0002399 , L0002400 , L0002401 , L0002402 , L0002403 , L0002404 , L0002405 , L0002406 , L0002407 , L0002408 , L0002409 , L0002410 , L0002411 , L0002412 , L0002413 , L0002414 , L0002415 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
482903.90	3733274.28	0.00205		483004.89	
3733280.86	0.00306				
483243.59	3733236.03	0.00482		483264.59	
3733407.72	0.00457				
483238.74	3733517.29	0.00301		483265.08	
3733637.70	0.00414				
483303.12	3733611.03	0.00411		483302.88	
3733641.90	0.00384				
483384.31	3733572.78	0.00558		483423.94	
3733572.60	0.00532				
483498.55	3733572.25	0.00508		483293.63	
3733687.56	0.00297				
483365.56	3733684.52	0.00222		483402.69	
3733683.63	0.00216				
483502.61	3733682.40	0.00204		483564.91	
3733686.69	0.00184				
483600.08	3733682.94	0.00186		483638.28	
3733683.83	0.00174				
483700.04	3733613.68	0.00205		483700.04	
3733575.30	0.00241				
484004.17	3733371.84	0.00071		483716.06	
3733033.81	0.00251				
483692.60	3732866.69	0.00121		483596.02	
3732864.73	0.00139				
482869.20	3732844.79	0.00094		482856.24	
3733633.61	0.00212				
482951.66	3733649.68	0.00298		483091.53	
3733653.10	0.00350				
483130.86	3733647.63	0.00316		483162.66	
3733571.36	0.00206				
483749.68	3733682.60	0.00107		483788.97	
3733683.09	0.00093				
483201.66	3733934.31	0.00072		484158.84	
3733885.07	0.00031				
484124.76	3733942.35	0.00030		484180.62	
3733886.49	0.00030				
484147.04	3733304.50	0.00049		484147.53	
3733236.72	0.00049				
484135.83	3733207.95	0.00050		484136.32	
3733153.34	0.00049				
484254.81	3733359.12	0.00038		484254.32	

3733403.01 0.00038
483322.14 3733573.71
0.00515

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 15:34:36

PAGE 29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5
YEARS ***

** CONC OF DPM IN **
MICROGRAMS/M**3

NETWORK

GROUP ID NETWORK AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID

ALL 1ST HIGHEST VALUE IS 0.00558 AT (483384.31, 3733572.78, 436.00,
436.00, 0.00) DC
2ND HIGHEST VALUE IS 0.00532 AT (483423.94, 3733572.60, 436.00,
436.00, 0.00) DC
3RD HIGHEST VALUE IS 0.00515 AT (483322.14, 3733573.71, 436.00,
436.00, 0.00) DC
4TH HIGHEST VALUE IS 0.00508 AT (483498.55, 3733572.25, 437.00,
437.00, 0.00) DC
5TH HIGHEST VALUE IS 0.00482 AT (483243.59, 3733236.03, 436.00,
436.00, 0.00) DC
6TH HIGHEST VALUE IS 0.00457 AT (483264.59, 3733407.72, 436.00,
436.00, 0.00) DC
7TH HIGHEST VALUE IS 0.00414 AT (483265.08, 3733637.70, 436.00,
436.00, 0.00) DC
8TH HIGHEST VALUE IS 0.00411 AT (483303.12, 3733611.03, 436.00,
436.00, 0.00) DC
9TH HIGHEST VALUE IS 0.00384 AT (483302.88, 3733641.90, 436.00,
436.00, 0.00) DC
10TH HIGHEST VALUE IS 0.00350 AT (483091.53, 3733653.10, 435.00,
435.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 15:34:36

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)

A Total of 2028 Informational Message(s)
A Total of 43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of 1050 Missing Hours Identified (2.40 Percent)

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

***** WARNING MESSAGES *****
ME W186 1483 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1483 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

*** AERMOD Finishes Successfully ***

This page intentionally left blank

APPENDIX 2.7:

AERMOD MODEL INPUT/OUTPUT – SCENARIO 2 OPERATION

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 1/12/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Ops Scenario 2\14616
Ops Scenario 2.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14616 Ops Scenario 2.err"
CO FINISHED

**

** AERMOD Source Pathway

**
**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Bldg 1 W Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00003292
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483380.317, 3733488.891, 436.00, 3.49, 4.00
** 483381.925, 3733114.633, 436.00, 3.49, 4.00
** -----

LOCATION	L0002980	VOLUME	483380.335	3733484.596	436.00
LOCATION	L0002981	VOLUME	483380.372	3733476.006	436.00
LOCATION	L0002982	VOLUME	483380.409	3733467.416	436.00
LOCATION	L0002983	VOLUME	483380.446	3733458.826	436.00
LOCATION	L0002984	VOLUME	483380.483	3733450.236	436.00
LOCATION	L0002985	VOLUME	483380.520	3733441.646	436.00
LOCATION	L0002986	VOLUME	483380.557	3733433.056	436.00
LOCATION	L0002987	VOLUME	483380.594	3733424.467	436.00
LOCATION	L0002988	VOLUME	483380.631	3733415.877	436.00
LOCATION	L0002989	VOLUME	483380.668	3733407.287	436.00
LOCATION	L0002990	VOLUME	483380.704	3733398.697	436.00
LOCATION	L0002991	VOLUME	483380.741	3733390.107	436.00
LOCATION	L0002992	VOLUME	483380.778	3733381.517	436.00
LOCATION	L0002993	VOLUME	483380.815	3733372.927	436.00
LOCATION	L0002994	VOLUME	483380.852	3733364.337	436.00
LOCATION	L0002995	VOLUME	483380.889	3733355.747	436.00

LOCATION	L0002996	VOLUME	483380.926	3733347.157	436.00
LOCATION	L0002997	VOLUME	483380.963	3733338.567	436.00
LOCATION	L0002998	VOLUME	483381.000	3733329.977	436.00
LOCATION	L0002999	VOLUME	483381.037	3733321.387	436.00
LOCATION	L0003000	VOLUME	483381.074	3733312.798	436.00
LOCATION	L0003001	VOLUME	483381.110	3733304.208	436.00
LOCATION	L0003002	VOLUME	483381.147	3733295.618	436.00
LOCATION	L0003003	VOLUME	483381.184	3733287.028	436.00
LOCATION	L0003004	VOLUME	483381.221	3733278.438	436.00
LOCATION	L0003005	VOLUME	483381.258	3733269.848	436.00
LOCATION	L0003006	VOLUME	483381.295	3733261.258	436.00
LOCATION	L0003007	VOLUME	483381.332	3733252.668	436.00
LOCATION	L0003008	VOLUME	483381.369	3733244.078	436.00
LOCATION	L0003009	VOLUME	483381.406	3733235.488	436.00
LOCATION	L0003010	VOLUME	483381.443	3733226.898	436.00
LOCATION	L0003011	VOLUME	483381.480	3733218.308	436.00
LOCATION	L0003012	VOLUME	483381.516	3733209.719	436.00
LOCATION	L0003013	VOLUME	483381.553	3733201.129	436.00
LOCATION	L0003014	VOLUME	483381.590	3733192.539	436.00
LOCATION	L0003015	VOLUME	483381.627	3733183.949	436.00
LOCATION	L0003016	VOLUME	483381.664	3733175.359	436.00
LOCATION	L0003017	VOLUME	483381.701	3733166.769	436.00
LOCATION	L0003018	VOLUME	483381.738	3733158.179	436.00
LOCATION	L0003019	VOLUME	483381.775	3733149.589	436.00
LOCATION	L0003020	VOLUME	483381.812	3733140.999	436.00
LOCATION	L0003021	VOLUME	483381.849	3733132.409	436.00
LOCATION	L0003022	VOLUME	483381.885	3733123.819	436.00
LOCATION	L0003023	VOLUME	483381.922	3733115.229	436.00

** End of LINE VOLUME Source ID = SLINE1

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Bldg 1 E Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00003292

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483622.318, 3733489.293, 437.00, 3.49, 4.00

** 483623.926, 3733115.035, 437.00, 3.49, 4.00

**

LOCATION	L0003024	VOLUME	483622.337	3733484.998	437.00
LOCATION	L0003025	VOLUME	483622.374	3733476.408	437.00
LOCATION	L0003026	VOLUME	483622.411	3733467.818	437.00
LOCATION	L0003027	VOLUME	483622.448	3733459.228	437.00
LOCATION	L0003028	VOLUME	483622.484	3733450.638	437.00
LOCATION	L0003029	VOLUME	483622.521	3733442.048	437.00
LOCATION	L0003030	VOLUME	483622.558	3733433.458	437.00
LOCATION	L0003031	VOLUME	483622.595	3733424.869	437.00
LOCATION	L0003032	VOLUME	483622.632	3733416.279	437.00
LOCATION	L0003033	VOLUME	483622.669	3733407.689	437.00
LOCATION	L0003034	VOLUME	483622.706	3733399.099	437.00
LOCATION	L0003035	VOLUME	483622.743	3733390.509	437.00
LOCATION	L0003036	VOLUME	483622.780	3733381.919	437.00
LOCATION	L0003037	VOLUME	483622.817	3733373.329	437.00
LOCATION	L0003038	VOLUME	483622.853	3733364.739	437.00
LOCATION	L0003039	VOLUME	483622.890	3733356.149	437.00
LOCATION	L0003040	VOLUME	483622.927	3733347.559	437.00
LOCATION	L0003041	VOLUME	483622.964	3733338.969	437.00
LOCATION	L0003042	VOLUME	483623.001	3733330.379	437.00
LOCATION	L0003043	VOLUME	483623.038	3733321.789	437.00
LOCATION	L0003044	VOLUME	483623.075	3733313.200	437.00
LOCATION	L0003045	VOLUME	483623.112	3733304.610	437.00
LOCATION	L0003046	VOLUME	483623.149	3733296.020	437.00

LOCATION	L0003047	VOLUME	483623.186	3733287.430	437.00
LOCATION	L0003048	VOLUME	483623.223	3733278.840	437.00
LOCATION	L0003049	VOLUME	483623.259	3733270.250	437.00
LOCATION	L0003050	VOLUME	483623.296	3733261.660	437.00
LOCATION	L0003051	VOLUME	483623.333	3733253.070	437.00
LOCATION	L0003052	VOLUME	483623.370	3733244.480	437.00
LOCATION	L0003053	VOLUME	483623.407	3733235.890	437.00
LOCATION	L0003054	VOLUME	483623.444	3733227.300	437.00
LOCATION	L0003055	VOLUME	483623.481	3733218.710	437.00
LOCATION	L0003056	VOLUME	483623.518	3733210.121	437.00
LOCATION	L0003057	VOLUME	483623.555	3733201.531	437.00
LOCATION	L0003058	VOLUME	483623.592	3733192.941	437.00
LOCATION	L0003059	VOLUME	483623.629	3733184.351	437.00
LOCATION	L0003060	VOLUME	483623.665	3733175.761	437.00
LOCATION	L0003061	VOLUME	483623.702	3733167.171	437.00
LOCATION	L0003062	VOLUME	483623.739	3733158.581	437.00
LOCATION	L0003063	VOLUME	483623.776	3733149.991	437.00
LOCATION	L0003064	VOLUME	483623.813	3733141.401	437.00
LOCATION	L0003065	VOLUME	483623.850	3733132.811	437.00
LOCATION	L0003066	VOLUME	483623.887	3733124.221	437.00
LOCATION	L0003067	VOLUME	483623.924	3733115.631	437.00

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Bldg 2 Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00005515

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482966.839, 3733137.590, 435.00, 3.49, 4.00

** 483181.107, 3733136.750, 436.00, 3.49, 4.00

**

LOCATION	L0003068	VOLUME	482971.134	3733137.573	435.00
LOCATION	L0003069	VOLUME	482979.724	3733137.539	435.00
LOCATION	L0003070	VOLUME	482988.314	3733137.505	435.00
LOCATION	L0003071	VOLUME	482996.904	3733137.472	435.00
LOCATION	L0003072	VOLUME	483005.494	3733137.438	435.00
LOCATION	L0003073	VOLUME	483014.084	3733137.405	435.00
LOCATION	L0003074	VOLUME	483022.674	3733137.371	435.00
LOCATION	L0003075	VOLUME	483031.264	3733137.337	435.00
LOCATION	L0003076	VOLUME	483039.854	3733137.304	435.00
LOCATION	L0003077	VOLUME	483048.443	3733137.270	435.00
LOCATION	L0003078	VOLUME	483057.033	3733137.236	435.00
LOCATION	L0003079	VOLUME	483065.623	3733137.203	435.00
LOCATION	L0003080	VOLUME	483074.213	3733137.169	435.00
LOCATION	L0003081	VOLUME	483082.803	3733137.135	435.00
LOCATION	L0003082	VOLUME	483091.393	3733137.102	435.00
LOCATION	L0003083	VOLUME	483099.983	3733137.068	435.00
LOCATION	L0003084	VOLUME	483108.573	3733137.034	435.00
LOCATION	L0003085	VOLUME	483117.163	3733137.001	435.00
LOCATION	L0003086	VOLUME	483125.753	3733136.967	435.00
LOCATION	L0003087	VOLUME	483134.343	3733136.933	435.09
LOCATION	L0003088	VOLUME	483142.933	3733136.900	435.27
LOCATION	L0003089	VOLUME	483151.523	3733136.866	435.46
LOCATION	L0003090	VOLUME	483160.113	3733136.832	435.64
LOCATION	L0003091	VOLUME	483168.703	3733136.799	435.74
LOCATION	L0003092	VOLUME	483177.292	3733136.765	435.85

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Bldg 1 Onsite W

```

** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001936
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 483305.258, 3733012.819, 436.00, 3.49, 4.00
** 483350.688, 3733012.015, 436.00, 3.49, 4.00
** 483360.739, 3733027.292, 436.00, 3.49, 4.00
** 483359.131, 3733549.538, 436.00, 3.49, 4.00
** 483358.729, 3733555.568, 436.00, 3.49, 4.00
** 483297.217, 3733556.372, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0003093      VOLUME  483309.552 3733012.743 436.00
LOCATION L0003094      VOLUME  483318.141 3733012.591 436.00
LOCATION L0003095      VOLUME  483326.730 3733012.439 436.00
LOCATION L0003096      VOLUME  483335.318 3733012.287 436.00
LOCATION L0003097      VOLUME  483343.907 3733012.135 436.00
LOCATION L0003098      VOLUME  483351.682 3733013.525 436.00
LOCATION L0003099      VOLUME  483356.403 3733020.701 436.00
LOCATION L0003100      VOLUME  483360.737 3733027.993 436.00
LOCATION L0003101      VOLUME  483360.710 3733036.583 436.00
LOCATION L0003102      VOLUME  483360.684 3733045.173 436.00
LOCATION L0003103      VOLUME  483360.658 3733053.763 436.00
LOCATION L0003104      VOLUME  483360.631 3733062.353 436.00
LOCATION L0003105      VOLUME  483360.605 3733070.943 436.00
LOCATION L0003106      VOLUME  483360.578 3733079.533 436.00
LOCATION L0003107      VOLUME  483360.552 3733088.123 436.00
LOCATION L0003108      VOLUME  483360.525 3733096.713 436.00
LOCATION L0003109      VOLUME  483360.499 3733105.303 436.00
LOCATION L0003110      VOLUME  483360.472 3733113.893 436.00
LOCATION L0003111      VOLUME  483360.446 3733122.483 436.00
LOCATION L0003112      VOLUME  483360.419 3733131.073 436.00
LOCATION L0003113      VOLUME  483360.393 3733139.662 436.00
LOCATION L0003114      VOLUME  483360.367 3733148.252 436.00
LOCATION L0003115      VOLUME  483360.340 3733156.842 436.00
LOCATION L0003116      VOLUME  483360.314 3733165.432 436.00
LOCATION L0003117      VOLUME  483360.287 3733174.022 436.00
LOCATION L0003118      VOLUME  483360.261 3733182.612 436.00
LOCATION L0003119      VOLUME  483360.234 3733191.202 436.00
LOCATION L0003120      VOLUME  483360.208 3733199.792 436.00
LOCATION L0003121      VOLUME  483360.181 3733208.382 436.00
LOCATION L0003122      VOLUME  483360.155 3733216.972 436.00
LOCATION L0003123      VOLUME  483360.128 3733225.562 436.00
LOCATION L0003124      VOLUME  483360.102 3733234.152 436.00
LOCATION L0003125      VOLUME  483360.076 3733242.742 436.00
LOCATION L0003126      VOLUME  483360.049 3733251.332 436.00
LOCATION L0003127      VOLUME  483360.023 3733259.922 436.00
LOCATION L0003128      VOLUME  483359.996 3733268.512 436.00
LOCATION L0003129      VOLUME  483359.970 3733277.102 436.00
LOCATION L0003130      VOLUME  483359.943 3733285.692 436.00
LOCATION L0003131      VOLUME  483359.917 3733294.282 436.00
LOCATION L0003132      VOLUME  483359.890 3733302.872 436.00
LOCATION L0003133      VOLUME  483359.864 3733311.462 436.00
LOCATION L0003134      VOLUME  483359.838 3733320.052 436.00
LOCATION L0003135      VOLUME  483359.811 3733328.642 436.00
LOCATION L0003136      VOLUME  483359.785 3733337.232 436.00
LOCATION L0003137      VOLUME  483359.758 3733345.822 436.00
LOCATION L0003138      VOLUME  483359.732 3733354.411 436.00
LOCATION L0003139      VOLUME  483359.705 3733363.001 436.00
LOCATION L0003140      VOLUME  483359.679 3733371.591 436.00
LOCATION L0003141      VOLUME  483359.652 3733380.181 436.00
LOCATION L0003142      VOLUME  483359.626 3733388.771 436.00
LOCATION L0003143      VOLUME  483359.599 3733397.361 436.00
LOCATION L0003144      VOLUME  483359.573 3733405.951 436.00

```

LOCATION L0003145	VOLUME	483359.547	3733414.541	436.00
LOCATION L0003146	VOLUME	483359.520	3733423.131	436.00
LOCATION L0003147	VOLUME	483359.494	3733431.721	436.00
LOCATION L0003148	VOLUME	483359.467	3733440.311	436.00
LOCATION L0003149	VOLUME	483359.441	3733448.901	436.00
LOCATION L0003150	VOLUME	483359.414	3733457.491	436.00
LOCATION L0003151	VOLUME	483359.388	3733466.081	436.00
LOCATION L0003152	VOLUME	483359.361	3733474.671	436.00
LOCATION L0003153	VOLUME	483359.335	3733483.261	436.00
LOCATION L0003154	VOLUME	483359.309	3733491.851	436.00
LOCATION L0003155	VOLUME	483359.282	3733500.441	436.00
LOCATION L0003156	VOLUME	483359.256	3733509.031	436.00
LOCATION L0003157	VOLUME	483359.229	3733517.621	436.00
LOCATION L0003158	VOLUME	483359.203	3733526.211	436.00
LOCATION L0003159	VOLUME	483359.176	3733534.801	436.00
LOCATION L0003160	VOLUME	483359.150	3733543.391	436.00
LOCATION L0003161	VOLUME	483358.968	3733551.975	436.00
LOCATION L0003162	VOLUME	483353.740	3733555.633	436.00
LOCATION L0003163	VOLUME	483345.151	3733555.746	436.00
LOCATION L0003164	VOLUME	483336.562	3733555.858	436.00
LOCATION L0003165	VOLUME	483327.972	3733555.970	436.00
LOCATION L0003166	VOLUME	483319.383	3733556.082	436.00
LOCATION L0003167	VOLUME	483310.794	3733556.195	436.00
LOCATION L0003168	VOLUME	483302.205	3733556.307	436.00

** End of LINE VOLUME Source ID = SLINE4

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Bldg 1 Onsite E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002465

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 8

** 483364.683, 3733553.432, 436.00, 3.49, 4.00

** 483376.016, 3733559.728, 436.00, 3.49, 4.00

** 483629.539, 3733559.728, 437.00, 3.49, 4.00

** 483640.872, 3733553.222, 437.03, 3.49, 4.00

** 483642.970, 3733042.819, 437.00, 3.49, 4.00

** 483650.945, 3733031.276, 437.00, 3.49, 4.00

** 483660.809, 3733028.967, 437.00, 3.49, 4.00

** 483678.648, 3733028.757, 437.00, 3.49, 4.00

**

LOCATION L0003169	VOLUME	483368.438	3733555.518	436.00
LOCATION L0003170	VOLUME	483375.947	3733559.689	436.00
LOCATION L0003171	VOLUME	483384.527	3733559.728	436.00
LOCATION L0003172	VOLUME	483393.117	3733559.728	436.00
LOCATION L0003173	VOLUME	483401.707	3733559.728	436.00
LOCATION L0003174	VOLUME	483410.297	3733559.728	436.00
LOCATION L0003175	VOLUME	483418.887	3733559.728	436.00
LOCATION L0003176	VOLUME	483427.477	3733559.728	436.00
LOCATION L0003177	VOLUME	483436.067	3733559.728	436.20
LOCATION L0003178	VOLUME	483444.657	3733559.728	436.49
LOCATION L0003179	VOLUME	483453.247	3733559.728	436.77
LOCATION L0003180	VOLUME	483461.837	3733559.728	437.00
LOCATION L0003181	VOLUME	483470.427	3733559.728	437.00
LOCATION L0003182	VOLUME	483479.017	3733559.728	437.00
LOCATION L0003183	VOLUME	483487.607	3733559.728	437.00
LOCATION L0003184	VOLUME	483496.197	3733559.728	437.00
LOCATION L0003185	VOLUME	483504.787	3733559.728	437.00
LOCATION L0003186	VOLUME	483513.377	3733559.728	437.00
LOCATION L0003187	VOLUME	483521.967	3733559.728	437.00
LOCATION L0003188	VOLUME	483530.557	3733559.728	437.00
LOCATION L0003189	VOLUME	483539.147	3733559.728	437.00

LOCATION	L0003190	VOLUME	483547.737	3733559.728	437.00
LOCATION	L0003191	VOLUME	483556.327	3733559.728	437.00
LOCATION	L0003192	VOLUME	483564.917	3733559.728	437.00
LOCATION	L0003193	VOLUME	483573.507	3733559.728	437.00
LOCATION	L0003194	VOLUME	483582.097	3733559.728	437.00
LOCATION	L0003195	VOLUME	483590.687	3733559.728	437.00
LOCATION	L0003196	VOLUME	483599.277	3733559.728	437.00
LOCATION	L0003197	VOLUME	483607.867	3733559.728	437.00
LOCATION	L0003198	VOLUME	483616.457	3733559.728	437.00
LOCATION	L0003199	VOLUME	483625.047	3733559.728	437.00
LOCATION	L0003200	VOLUME	483633.093	3733557.688	437.00
LOCATION	L0003201	VOLUME	483640.542	3733553.411	437.02
LOCATION	L0003202	VOLUME	483640.905	3733545.012	437.03
LOCATION	L0003203	VOLUME	483640.941	3733536.422	437.03
LOCATION	L0003204	VOLUME	483640.976	3733527.832	437.03
LOCATION	L0003205	VOLUME	483641.011	3733519.242	437.03
LOCATION	L0003206	VOLUME	483641.047	3733510.652	437.03
LOCATION	L0003207	VOLUME	483641.082	3733502.062	437.02
LOCATION	L0003208	VOLUME	483641.117	3733493.472	437.01
LOCATION	L0003209	VOLUME	483641.153	3733484.882	437.00
LOCATION	L0003210	VOLUME	483641.188	3733476.292	437.00
LOCATION	L0003211	VOLUME	483641.223	3733467.702	437.00
LOCATION	L0003212	VOLUME	483641.259	3733459.112	437.00
LOCATION	L0003213	VOLUME	483641.294	3733450.522	437.01
LOCATION	L0003214	VOLUME	483641.329	3733441.933	437.02
LOCATION	L0003215	VOLUME	483641.364	3733433.343	437.03
LOCATION	L0003216	VOLUME	483641.400	3733424.753	437.04
LOCATION	L0003217	VOLUME	483641.435	3733416.163	437.03
LOCATION	L0003218	VOLUME	483641.470	3733407.573	437.02
LOCATION	L0003219	VOLUME	483641.506	3733398.983	437.00
LOCATION	L0003220	VOLUME	483641.541	3733390.393	437.00
LOCATION	L0003221	VOLUME	483641.576	3733381.803	437.00
LOCATION	L0003222	VOLUME	483641.612	3733373.213	437.00
LOCATION	L0003223	VOLUME	483641.647	3733364.623	437.00
LOCATION	L0003224	VOLUME	483641.682	3733356.033	437.00
LOCATION	L0003225	VOLUME	483641.718	3733347.443	437.00
LOCATION	L0003226	VOLUME	483641.753	3733338.853	437.00
LOCATION	L0003227	VOLUME	483641.788	3733330.263	437.00
LOCATION	L0003228	VOLUME	483641.824	3733321.674	437.00
LOCATION	L0003229	VOLUME	483641.859	3733313.084	437.00
LOCATION	L0003230	VOLUME	483641.894	3733304.494	437.00
LOCATION	L0003231	VOLUME	483641.930	3733295.904	437.00
LOCATION	L0003232	VOLUME	483641.965	3733287.314	437.00
LOCATION	L0003233	VOLUME	483642.000	3733278.724	437.00
LOCATION	L0003234	VOLUME	483642.036	3733270.134	437.00
LOCATION	L0003235	VOLUME	483642.071	3733261.544	437.00
LOCATION	L0003236	VOLUME	483642.106	3733252.954	437.00
LOCATION	L0003237	VOLUME	483642.142	3733244.364	437.00
LOCATION	L0003238	VOLUME	483642.177	3733235.774	437.00
LOCATION	L0003239	VOLUME	483642.212	3733227.184	437.00
LOCATION	L0003240	VOLUME	483642.247	3733218.594	437.00
LOCATION	L0003241	VOLUME	483642.283	3733210.004	437.00
LOCATION	L0003242	VOLUME	483642.318	3733201.415	437.00
LOCATION	L0003243	VOLUME	483642.353	3733192.825	437.00
LOCATION	L0003244	VOLUME	483642.389	3733184.235	437.00
LOCATION	L0003245	VOLUME	483642.424	3733175.645	437.00
LOCATION	L0003246	VOLUME	483642.459	3733167.055	437.00
LOCATION	L0003247	VOLUME	483642.495	3733158.465	437.00
LOCATION	L0003248	VOLUME	483642.530	3733149.875	437.00
LOCATION	L0003249	VOLUME	483642.565	3733141.285	437.00
LOCATION	L0003250	VOLUME	483642.601	3733132.695	437.00
LOCATION	L0003251	VOLUME	483642.636	3733124.105	437.00
LOCATION	L0003252	VOLUME	483642.671	3733115.515	437.00
LOCATION	L0003253	VOLUME	483642.707	3733106.925	437.00
LOCATION	L0003254	VOLUME	483642.742	3733098.335	437.00
LOCATION	L0003255	VOLUME	483642.777	3733089.746	437.00

LOCATION	L0003256	VOLUME	483642.813	3733081.156	437.00
LOCATION	L0003257	VOLUME	483642.848	3733072.566	437.00
LOCATION	L0003258	VOLUME	483642.883	3733063.976	437.00
LOCATION	L0003259	VOLUME	483642.919	3733055.386	437.00
LOCATION	L0003260	VOLUME	483642.954	3733046.796	437.00
LOCATION	L0003261	VOLUME	483645.592	3733039.024	437.00
LOCATION	L0003262	VOLUME	483650.475	3733031.956	437.00
LOCATION	L0003263	VOLUME	483658.504	3733029.507	437.00
LOCATION	L0003264	VOLUME	483667.031	3733028.894	437.00
LOCATION	L0003265	VOLUME	483675.621	3733028.793	437.00

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Bldg 1 Onsite S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 8.695E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 7

** 483358.231, 3733011.231, 436.00, 3.49, 4.00

** 483369.167, 3733006.446, 436.00, 3.49, 4.00

** 483377.027, 3733003.712, 436.00, 3.49, 4.00

** 483457.338, 3733005.079, 436.03, 3.49, 4.00

** 483483.311, 3733020.800, 436.87, 3.49, 4.00

** 483632.314, 3733023.192, 437.00, 3.49, 4.00

** 483644.959, 3733027.976, 437.00, 3.49, 4.00

**

LOCATION	L0003266	VOLUME	483362.166	3733009.509	436.00
LOCATION	L0003267	VOLUME	483370.062	3733006.135	436.00
LOCATION	L0003268	VOLUME	483378.243	3733003.733	436.00
LOCATION	L0003269	VOLUME	483386.832	3733003.879	436.00
LOCATION	L0003270	VOLUME	483395.420	3733004.025	436.00
LOCATION	L0003271	VOLUME	483404.009	3733004.172	436.00
LOCATION	L0003272	VOLUME	483412.598	3733004.318	436.00
LOCATION	L0003273	VOLUME	483421.187	3733004.464	436.00
LOCATION	L0003274	VOLUME	483429.775	3733004.610	436.00
LOCATION	L0003275	VOLUME	483438.364	3733004.756	436.01
LOCATION	L0003276	VOLUME	483446.953	3733004.902	436.02
LOCATION	L0003277	VOLUME	483455.542	3733005.049	436.03
LOCATION	L0003278	VOLUME	483463.150	3733008.597	436.10
LOCATION	L0003279	VOLUME	483470.499	3733013.045	436.35
LOCATION	L0003280	VOLUME	483477.847	3733017.493	436.59
LOCATION	L0003281	VOLUME	483485.514	3733020.835	436.85
LOCATION	L0003282	VOLUME	483494.103	3733020.973	437.00
LOCATION	L0003283	VOLUME	483502.692	3733021.111	437.00
LOCATION	L0003284	VOLUME	483511.281	3733021.249	437.00
LOCATION	L0003285	VOLUME	483519.870	3733021.387	437.00
LOCATION	L0003286	VOLUME	483528.459	3733021.525	437.00
LOCATION	L0003287	VOLUME	483537.047	3733021.662	437.00
LOCATION	L0003288	VOLUME	483545.636	3733021.800	437.00
LOCATION	L0003289	VOLUME	483554.225	3733021.938	437.00
LOCATION	L0003290	VOLUME	483562.814	3733022.076	437.00
LOCATION	L0003291	VOLUME	483571.403	3733022.214	437.00
LOCATION	L0003292	VOLUME	483579.992	3733022.352	437.00
LOCATION	L0003293	VOLUME	483588.581	3733022.490	437.00
LOCATION	L0003294	VOLUME	483597.170	3733022.628	437.00
LOCATION	L0003295	VOLUME	483605.759	3733022.766	437.00
LOCATION	L0003296	VOLUME	483614.347	3733022.904	437.00
LOCATION	L0003297	VOLUME	483622.936	3733023.041	437.00
LOCATION	L0003298	VOLUME	483631.525	3733023.179	437.00
LOCATION	L0003299	VOLUME	483639.610	3733025.953	437.00

** End of LINE VOLUME Source ID = SLINE6

**

```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Bldg 2 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 7.957E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 482955.154, 3733155.117, 435.00, 3.49, 4.00
** 483275.858, 3733153.858, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0003300    VOLUME  482959.449 3733155.100 435.00
LOCATION L0003301    VOLUME  482968.039 3733155.066 435.00
LOCATION L0003302    VOLUME  482976.629 3733155.033 435.00
LOCATION L0003303    VOLUME  482985.219 3733154.999 435.00
LOCATION L0003304    VOLUME  482993.809 3733154.965 435.00
LOCATION L0003305    VOLUME  483002.399 3733154.931 435.00
LOCATION L0003306    VOLUME  483010.989 3733154.898 435.00
LOCATION L0003307    VOLUME  483019.579 3733154.864 435.00
LOCATION L0003308    VOLUME  483028.168 3733154.830 435.00
LOCATION L0003309    VOLUME  483036.758 3733154.796 435.00
LOCATION L0003310    VOLUME  483045.348 3733154.763 435.00
LOCATION L0003311    VOLUME  483053.938 3733154.729 435.00
LOCATION L0003312    VOLUME  483062.528 3733154.695 435.00
LOCATION L0003313    VOLUME  483071.118 3733154.662 435.00
LOCATION L0003314    VOLUME  483079.708 3733154.628 435.00
LOCATION L0003315    VOLUME  483088.298 3733154.594 435.00
LOCATION L0003316    VOLUME  483096.888 3733154.560 435.00
LOCATION L0003317    VOLUME  483105.478 3733154.527 435.00
LOCATION L0003318    VOLUME  483114.068 3733154.493 435.00
LOCATION L0003319    VOLUME  483122.658 3733154.459 435.00
LOCATION L0003320    VOLUME  483131.248 3733154.425 435.00
LOCATION L0003321    VOLUME  483139.838 3733154.392 435.02
LOCATION L0003322    VOLUME  483148.428 3733154.358 435.03
LOCATION L0003323    VOLUME  483157.017 3733154.324 435.05
LOCATION L0003324    VOLUME  483165.607 3733154.291 435.23
LOCATION L0003325    VOLUME  483174.197 3733154.257 435.50
LOCATION L0003326    VOLUME  483182.787 3733154.223 435.77
LOCATION L0003327    VOLUME  483191.377 3733154.189 436.00
LOCATION L0003328    VOLUME  483199.967 3733154.156 436.00
LOCATION L0003329    VOLUME  483208.557 3733154.122 436.00
LOCATION L0003330    VOLUME  483217.147 3733154.088 436.00
LOCATION L0003331    VOLUME  483225.737 3733154.054 436.00
LOCATION L0003332    VOLUME  483234.327 3733154.021 436.00
LOCATION L0003333    VOLUME  483242.917 3733153.987 436.00
LOCATION L0003334    VOLUME  483251.507 3733153.953 436.00
LOCATION L0003335    VOLUME  483260.097 3733153.919 436.00
LOCATION L0003336    VOLUME  483268.687 3733153.886 436.00

```

```

** End of LINE VOLUME Source ID = SLINE7

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC Sherman S
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 6.64E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483284.355, 3733011.303, 436.00, 3.49, 6.51
** 483283.671, 3733154.172, 436.00, 3.49, 6.51

```

```

-----
LOCATION L0003337    VOLUME  483284.321 3733018.303 436.00

```

LOCATION L0003338	VOLUME	483284.254	3733032.303	436.00
LOCATION L0003339	VOLUME	483284.187	3733046.302	436.00
LOCATION L0003340	VOLUME	483284.120	3733060.302	436.00
LOCATION L0003341	VOLUME	483284.053	3733074.302	436.00
LOCATION L0003342	VOLUME	483283.986	3733088.302	436.00
LOCATION L0003343	VOLUME	483283.919	3733102.302	436.00
LOCATION L0003344	VOLUME	483283.852	3733116.302	436.00
LOCATION L0003345	VOLUME	483283.785	3733130.301	436.00
LOCATION L0003346	VOLUME	483283.718	3733144.301	436.00

** End of LINE VOLUME Source ID = SLINE8

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Sherman C

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 6.591E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.716, 3733152.128, 436.00, 3.49, 6.51

** 483283.716, 3733555.905, 436.00, 3.49, 6.51

**

LOCATION L0003347	VOLUME	483283.716	3733159.128	436.00
LOCATION L0003348	VOLUME	483283.716	3733173.128	436.00
LOCATION L0003349	VOLUME	483283.716	3733187.128	436.00
LOCATION L0003350	VOLUME	483283.716	3733201.128	436.00
LOCATION L0003351	VOLUME	483283.716	3733215.128	436.00
LOCATION L0003352	VOLUME	483283.716	3733229.128	436.00
LOCATION L0003353	VOLUME	483283.716	3733243.128	436.00
LOCATION L0003354	VOLUME	483283.716	3733257.128	436.00
LOCATION L0003355	VOLUME	483283.716	3733271.128	436.00
LOCATION L0003356	VOLUME	483283.716	3733285.128	436.00
LOCATION L0003357	VOLUME	483283.716	3733299.128	436.00
LOCATION L0003358	VOLUME	483283.716	3733313.128	436.00
LOCATION L0003359	VOLUME	483283.716	3733327.128	436.00
LOCATION L0003360	VOLUME	483283.716	3733341.128	436.00
LOCATION L0003361	VOLUME	483283.716	3733355.128	436.00
LOCATION L0003362	VOLUME	483283.716	3733369.128	436.00
LOCATION L0003363	VOLUME	483283.716	3733383.128	436.00
LOCATION L0003364	VOLUME	483283.716	3733397.128	436.00
LOCATION L0003365	VOLUME	483283.716	3733411.128	436.00
LOCATION L0003366	VOLUME	483283.716	3733425.128	436.00
LOCATION L0003367	VOLUME	483283.716	3733439.128	436.00
LOCATION L0003368	VOLUME	483283.716	3733453.128	436.00
LOCATION L0003369	VOLUME	483283.716	3733467.128	436.00
LOCATION L0003370	VOLUME	483283.716	3733481.128	436.00
LOCATION L0003371	VOLUME	483283.716	3733495.128	436.00
LOCATION L0003372	VOLUME	483283.716	3733509.128	436.00
LOCATION L0003373	VOLUME	483283.716	3733523.128	436.00
LOCATION L0003374	VOLUME	483283.716	3733537.128	436.00
LOCATION L0003375	VOLUME	483283.716	3733551.128	436.00

** End of LINE VOLUME Source ID = SLINE9

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC Sherman N

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.267E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.455, 3733558.069, 436.00, 3.49, 6.51

** 483283.455, 3733666.150, 436.00, 3.49, 6.51

**

LOCATION	L0003376	VOLUME	483283.455	3733565.069	436.00
LOCATION	L0003377	VOLUME	483283.455	3733579.069	436.00
LOCATION	L0003378	VOLUME	483283.455	3733593.069	436.00
LOCATION	L0003379	VOLUME	483283.455	3733607.069	436.00
LOCATION	L0003380	VOLUME	483283.455	3733621.069	436.00
LOCATION	L0003381	VOLUME	483283.455	3733635.069	436.00
LOCATION	L0003382	VOLUME	483283.455	3733649.069	436.00
LOCATION	L0003383	VOLUME	483283.455	3733663.069	436.00

** End of LINE VOLUME Source ID = SLINE10

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Dawson

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 2.936E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483688.720, 3733028.607, 437.00, 3.49, 4.00

** 483686.307, 3733660.381, 438.00, 3.49, 4.00

**

LOCATION	L0003384	VOLUME	483688.703	3733032.902	437.00
LOCATION	L0003385	VOLUME	483688.670	3733041.491	437.00
LOCATION	L0003386	VOLUME	483688.638	3733050.081	437.00
LOCATION	L0003387	VOLUME	483688.605	3733058.671	437.00
LOCATION	L0003388	VOLUME	483688.572	3733067.261	437.00
LOCATION	L0003389	VOLUME	483688.539	3733075.851	437.00
LOCATION	L0003390	VOLUME	483688.506	3733084.441	437.00
LOCATION	L0003391	VOLUME	483688.474	3733093.031	437.00
LOCATION	L0003392	VOLUME	483688.441	3733101.621	437.00
LOCATION	L0003393	VOLUME	483688.408	3733110.211	437.00
LOCATION	L0003394	VOLUME	483688.375	3733118.801	437.00
LOCATION	L0003395	VOLUME	483688.342	3733127.391	437.00
LOCATION	L0003396	VOLUME	483688.310	3733135.981	437.00
LOCATION	L0003397	VOLUME	483688.277	3733144.571	437.00
LOCATION	L0003398	VOLUME	483688.244	3733153.161	437.00
LOCATION	L0003399	VOLUME	483688.211	3733161.751	437.00
LOCATION	L0003400	VOLUME	483688.178	3733170.341	437.00
LOCATION	L0003401	VOLUME	483688.146	3733178.930	437.00
LOCATION	L0003402	VOLUME	483688.113	3733187.520	437.00
LOCATION	L0003403	VOLUME	483688.080	3733196.110	437.00
LOCATION	L0003404	VOLUME	483688.047	3733204.700	437.00
LOCATION	L0003405	VOLUME	483688.014	3733213.290	437.00
LOCATION	L0003406	VOLUME	483687.981	3733221.880	437.00
LOCATION	L0003407	VOLUME	483687.949	3733230.470	437.00
LOCATION	L0003408	VOLUME	483687.916	3733239.060	437.00
LOCATION	L0003409	VOLUME	483687.883	3733247.650	437.00
LOCATION	L0003410	VOLUME	483687.850	3733256.240	437.00
LOCATION	L0003411	VOLUME	483687.817	3733264.830	437.00
LOCATION	L0003412	VOLUME	483687.785	3733273.420	437.00
LOCATION	L0003413	VOLUME	483687.752	3733282.010	437.00
LOCATION	L0003414	VOLUME	483687.719	3733290.600	437.00
LOCATION	L0003415	VOLUME	483687.686	3733299.190	437.00
LOCATION	L0003416	VOLUME	483687.653	3733307.780	437.04
LOCATION	L0003417	VOLUME	483687.621	3733316.369	437.20
LOCATION	L0003418	VOLUME	483687.588	3733324.959	437.37
LOCATION	L0003419	VOLUME	483687.555	3733333.549	437.54
LOCATION	L0003420	VOLUME	483687.522	3733342.139	437.58
LOCATION	L0003421	VOLUME	483687.489	3733350.729	437.58
LOCATION	L0003422	VOLUME	483687.457	3733359.319	437.58
LOCATION	L0003423	VOLUME	483687.424	3733367.909	437.58
LOCATION	L0003424	VOLUME	483687.391	3733376.499	437.58

LOCATION	VOLUME				
L0003425	483687.358	3733385.089	437.58		
L0003426	483687.325	3733393.679	437.57		
L0003427	483687.293	3733402.269	437.66		
L0003428	483687.260	3733410.859	437.78		
L0003429	483687.227	3733419.449	437.91		
L0003430	483687.194	3733428.039	437.97		
L0003431	483687.161	3733436.629	437.85		
L0003432	483687.129	3733445.219	437.72		
L0003433	483687.096	3733453.808	437.60		
L0003434	483687.063	3733462.398	437.57		
L0003435	483687.030	3733470.988	437.56		
L0003436	483686.997	3733479.578	437.56		
L0003437	483686.964	3733488.168	437.59		
L0003438	483686.932	3733496.758	437.72		
L0003439	483686.899	3733505.348	437.84		
L0003440	483686.866	3733513.938	437.97		
L0003441	483686.833	3733522.528	438.00		
L0003442	483686.800	3733531.118	438.00		
L0003443	483686.768	3733539.708	438.00		
L0003444	483686.735	3733548.298	438.00		
L0003445	483686.702	3733556.888	438.00		
L0003446	483686.669	3733565.478	438.00		
L0003447	483686.636	3733574.068	438.00		
L0003448	483686.604	3733582.658	438.00		
L0003449	483686.571	3733591.247	438.00		
L0003450	483686.538	3733599.837	438.00		
L0003451	483686.505	3733608.427	438.00		
L0003452	483686.472	3733617.017	438.00		
L0003453	483686.440	3733625.607	438.00		
L0003454	483686.407	3733634.197	438.00		
L0003455	483686.374	3733642.787	438.00		
L0003456	483686.341	3733651.377	438.00		
L0003457	483686.308	3733659.967	438.00		

** End of LINE VOLUME Source ID = SLINE11

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Ethanac E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.866E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483686.610, 3733668.204, 438.00, 3.49, 4.00

** 483284.962, 3733669.571, 436.00, 3.49, 4.00

** -----

LOCATION	VOLUME				
L0003458	483682.315	3733668.218	438.00		
L0003459	483673.725	3733668.248	438.00		
L0003460	483665.135	3733668.277	438.00		
L0003461	483656.545	3733668.306	438.00		
L0003462	483647.955	3733668.335	438.00		
L0003463	483639.365	3733668.365	437.98		
L0003464	483630.775	3733668.394	437.71		
L0003465	483622.185	3733668.423	437.45		
L0003466	483613.595	3733668.452	437.19		
L0003467	483605.005	3733668.482	437.07		
L0003468	483596.415	3733668.511	437.05		
L0003469	483587.825	3733668.540	437.02		
L0003470	483579.235	3733668.569	437.00		
L0003471	483570.645	3733668.599	437.00		
L0003472	483562.055	3733668.628	437.00		
L0003473	483553.465	3733668.657	437.00		
L0003474	483544.876	3733668.686	437.00		
L0003475	483536.286	3733668.716	437.00		

LOCATION L0003476	VOLUME	483527.696	3733668.745	437.00
LOCATION L0003477	VOLUME	483519.106	3733668.774	437.00
LOCATION L0003478	VOLUME	483510.516	3733668.803	437.00
LOCATION L0003479	VOLUME	483501.926	3733668.832	437.00
LOCATION L0003480	VOLUME	483493.336	3733668.862	437.00
LOCATION L0003481	VOLUME	483484.746	3733668.891	437.00
LOCATION L0003482	VOLUME	483476.156	3733668.920	437.00
LOCATION L0003483	VOLUME	483467.566	3733668.949	437.00
LOCATION L0003484	VOLUME	483458.976	3733668.979	437.00
LOCATION L0003485	VOLUME	483450.386	3733669.008	437.00
LOCATION L0003486	VOLUME	483441.796	3733669.037	437.00
LOCATION L0003487	VOLUME	483433.206	3733669.066	437.00
LOCATION L0003488	VOLUME	483424.616	3733669.096	437.00
LOCATION L0003489	VOLUME	483416.026	3733669.125	437.00
LOCATION L0003490	VOLUME	483407.436	3733669.154	437.00
LOCATION L0003491	VOLUME	483398.846	3733669.183	436.96
LOCATION L0003492	VOLUME	483390.256	3733669.213	436.67
LOCATION L0003493	VOLUME	483381.666	3733669.242	436.39
LOCATION L0003494	VOLUME	483373.077	3733669.271	436.10
LOCATION L0003495	VOLUME	483364.487	3733669.300	436.00
LOCATION L0003496	VOLUME	483355.897	3733669.330	436.00
LOCATION L0003497	VOLUME	483347.307	3733669.359	436.00
LOCATION L0003498	VOLUME	483338.717	3733669.388	436.00
LOCATION L0003499	VOLUME	483330.127	3733669.417	436.00
LOCATION L0003500	VOLUME	483321.537	3733669.447	436.00
LOCATION L0003501	VOLUME	483312.947	3733669.476	436.00
LOCATION L0003502	VOLUME	483304.357	3733669.505	436.00
LOCATION L0003503	VOLUME	483295.767	3733669.534	436.00
LOCATION L0003504	VOLUME	483287.177	3733669.564	436.00

** End of LINE VOLUME Source ID = SLINE12

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Ethanac W

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.00002397

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 483283.697, 3733670.145, 436.00, 3.49, 6.51

** 482584.283, 3733672.724, 434.00, 3.49, 6.51

** 482347.808, 3733674.848, 433.94, 3.49, 6.51

**

LOCATION L0003505	VOLUME	483276.697	3733670.171	436.00
LOCATION L0003506	VOLUME	483262.697	3733670.223	436.00
LOCATION L0003507	VOLUME	483248.697	3733670.274	436.00
LOCATION L0003508	VOLUME	483234.698	3733670.326	436.00
LOCATION L0003509	VOLUME	483220.698	3733670.378	436.00
LOCATION L0003510	VOLUME	483206.698	3733670.429	436.00
LOCATION L0003511	VOLUME	483192.698	3733670.481	436.00
LOCATION L0003512	VOLUME	483178.698	3733670.533	436.00
LOCATION L0003513	VOLUME	483164.698	3733670.584	436.00
LOCATION L0003514	VOLUME	483150.698	3733670.636	435.69
LOCATION L0003515	VOLUME	483136.698	3733670.687	435.22
LOCATION L0003516	VOLUME	483122.698	3733670.739	435.00
LOCATION L0003517	VOLUME	483108.698	3733670.791	435.00
LOCATION L0003518	VOLUME	483094.698	3733670.842	435.00
LOCATION L0003519	VOLUME	483080.699	3733670.894	435.00
LOCATION L0003520	VOLUME	483066.699	3733670.945	435.00
LOCATION L0003521	VOLUME	483052.699	3733670.997	435.00
LOCATION L0003522	VOLUME	483038.699	3733671.049	435.00
LOCATION L0003523	VOLUME	483024.699	3733671.100	435.00
LOCATION L0003524	VOLUME	483010.699	3733671.152	435.00
LOCATION L0003525	VOLUME	482996.699	3733671.204	435.00

LOCATION	VOLUME				
LOCATION L0003526	VOLUME	482982.699	3733671.255	435.00	
LOCATION L0003527	VOLUME	482968.699	3733671.307	435.00	
LOCATION L0003528	VOLUME	482954.699	3733671.358	435.00	
LOCATION L0003529	VOLUME	482940.700	3733671.410	435.00	
LOCATION L0003530	VOLUME	482926.700	3733671.462	435.00	
LOCATION L0003531	VOLUME	482912.700	3733671.513	435.00	
LOCATION L0003532	VOLUME	482898.700	3733671.565	435.00	
LOCATION L0003533	VOLUME	482884.700	3733671.616	435.00	
LOCATION L0003534	VOLUME	482870.700	3733671.668	435.00	
LOCATION L0003535	VOLUME	482856.700	3733671.720	435.00	
LOCATION L0003536	VOLUME	482842.700	3733671.771	435.00	
LOCATION L0003537	VOLUME	482828.700	3733671.823	435.00	
LOCATION L0003538	VOLUME	482814.700	3733671.875	435.00	
LOCATION L0003539	VOLUME	482800.700	3733671.926	435.00	
LOCATION L0003540	VOLUME	482786.701	3733671.978	434.64	
LOCATION L0003541	VOLUME	482772.701	3733672.029	434.27	
LOCATION L0003542	VOLUME	482758.701	3733672.081	434.13	
LOCATION L0003543	VOLUME	482744.701	3733672.133	434.03	
LOCATION L0003544	VOLUME	482730.701	3733672.184	434.00	
LOCATION L0003545	VOLUME	482716.701	3733672.236	434.00	
LOCATION L0003546	VOLUME	482702.701	3733672.287	434.00	
LOCATION L0003547	VOLUME	482688.701	3733672.339	434.00	
LOCATION L0003548	VOLUME	482674.701	3733672.391	434.00	
LOCATION L0003549	VOLUME	482660.701	3733672.442	434.00	
LOCATION L0003550	VOLUME	482646.702	3733672.494	434.00	
LOCATION L0003551	VOLUME	482632.702	3733672.546	434.00	
LOCATION L0003552	VOLUME	482618.702	3733672.597	434.00	
LOCATION L0003553	VOLUME	482604.702	3733672.649	434.00	
LOCATION L0003554	VOLUME	482590.702	3733672.700	434.00	
LOCATION L0003555	VOLUME	482576.702	3733672.792	434.00	
LOCATION L0003556	VOLUME	482562.703	3733672.918	434.00	
LOCATION L0003557	VOLUME	482548.703	3733673.044	434.00	
LOCATION L0003558	VOLUME	482534.704	3733673.169	434.00	
LOCATION L0003559	VOLUME	482520.705	3733673.295	434.00	
LOCATION L0003560	VOLUME	482506.705	3733673.421	434.00	
LOCATION L0003561	VOLUME	482492.706	3733673.546	434.00	
LOCATION L0003562	VOLUME	482478.706	3733673.672	434.00	
LOCATION L0003563	VOLUME	482464.707	3733673.798	434.00	
LOCATION L0003564	VOLUME	482450.707	3733673.924	434.00	
LOCATION L0003565	VOLUME	482436.708	3733674.049	434.00	
LOCATION L0003566	VOLUME	482422.708	3733674.175	434.00	
LOCATION L0003567	VOLUME	482408.709	3733674.301	434.00	
LOCATION L0003568	VOLUME	482394.710	3733674.426	434.00	
LOCATION L0003569	VOLUME	482380.710	3733674.552	434.00	
LOCATION L0003570	VOLUME	482366.711	3733674.678	433.87	
LOCATION L0003571	VOLUME	482352.711	3733674.804	433.73	

** End of LINE VOLUME Source ID = SLINE13

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM					
SRCPARAM L0002980	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002981	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002982	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002983	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002984	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002985	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002986	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002987	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002988	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002989	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002990	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002991	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002992	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002993	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002994	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002995	0.0000007482	3.49	4.00	3.25	
SRCPARAM L0002996	0.0000007482	3.49	4.00	3.25	

SRCPARAM	L0003567	0.0000003578	3.49	6.51	3.25
SRCPARAM	L0003568	0.0000003578	3.49	6.51	3.25
SRCPARAM	L0003569	0.0000003578	3.49	6.51	3.25
SRCPARAM	L0003570	0.0000003578	3.49	6.51	3.25
SRCPARAM	L0003571	0.0000003578	3.49	6.51	3.25

** -----

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14616 Ops Scenario 2.rou"

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14616 OPS SCENARIO 2.AD\AN00GALL.PLT" 31
SUMMFILE "14616 Ops Scenario 2.sum"

OU FINISHED
**

** Project Parameters

** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM World Geodetic System 1984
** DTMRGN Global Definition
** UNITS m
** ZONE 11
** ZONEINX 0

**
**

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 1/12/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Ops Scenario 2\14616
Ops Scenario 2.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee Commerce\14616 Op
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2189641
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14616 Ops Scenario 2.err"
CO FINISHED

**

** AERMOD Source Pathway

**

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Bldg 1 W Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00003292
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483380.317, 3733488.891, 436.00, 3.49, 4.00
** 483381.925, 3733114.633, 436.00, 3.49, 4.00

LOCATION	L0002980	VOLUME	483380.335	3733484.596	436.00
LOCATION	L0002981	VOLUME	483380.372	3733476.006	436.00
LOCATION	L0002982	VOLUME	483380.409	3733467.416	436.00
LOCATION	L0002983	VOLUME	483380.446	3733458.826	436.00
LOCATION	L0002984	VOLUME	483380.483	3733450.236	436.00
LOCATION	L0002985	VOLUME	483380.520	3733441.646	436.00
LOCATION	L0002986	VOLUME	483380.557	3733433.056	436.00
LOCATION	L0002987	VOLUME	483380.594	3733424.467	436.00
LOCATION	L0002988	VOLUME	483380.631	3733415.877	436.00
LOCATION	L0002989	VOLUME	483380.668	3733407.287	436.00
LOCATION	L0002990	VOLUME	483380.704	3733398.697	436.00
LOCATION	L0002991	VOLUME	483380.741	3733390.107	436.00
LOCATION	L0002992	VOLUME	483380.778	3733381.517	436.00
LOCATION	L0002993	VOLUME	483380.815	3733372.927	436.00
LOCATION	L0002994	VOLUME	483380.852	3733364.337	436.00
LOCATION	L0002995	VOLUME	483380.889	3733355.747	436.00

LOCATION	L0002996	VOLUME	483380.926	3733347.157	436.00
LOCATION	L0002997	VOLUME	483380.963	3733338.567	436.00
LOCATION	L0002998	VOLUME	483381.000	3733329.977	436.00
LOCATION	L0002999	VOLUME	483381.037	3733321.387	436.00
LOCATION	L0003000	VOLUME	483381.074	3733312.798	436.00
LOCATION	L0003001	VOLUME	483381.110	3733304.208	436.00
LOCATION	L0003002	VOLUME	483381.147	3733295.618	436.00
LOCATION	L0003003	VOLUME	483381.184	3733287.028	436.00
LOCATION	L0003004	VOLUME	483381.221	3733278.438	436.00
LOCATION	L0003005	VOLUME	483381.258	3733269.848	436.00
LOCATION	L0003006	VOLUME	483381.295	3733261.258	436.00
LOCATION	L0003007	VOLUME	483381.332	3733252.668	436.00
LOCATION	L0003008	VOLUME	483381.369	3733244.078	436.00
LOCATION	L0003009	VOLUME	483381.406	3733235.488	436.00
LOCATION	L0003010	VOLUME	483381.443	3733226.898	436.00
LOCATION	L0003011	VOLUME	483381.480	3733218.308	436.00
LOCATION	L0003012	VOLUME	483381.516	3733209.719	436.00
LOCATION	L0003013	VOLUME	483381.553	3733201.129	436.00
LOCATION	L0003014	VOLUME	483381.590	3733192.539	436.00
LOCATION	L0003015	VOLUME	483381.627	3733183.949	436.00
LOCATION	L0003016	VOLUME	483381.664	3733175.359	436.00
LOCATION	L0003017	VOLUME	483381.701	3733166.769	436.00
LOCATION	L0003018	VOLUME	483381.738	3733158.179	436.00
LOCATION	L0003019	VOLUME	483381.775	3733149.589	436.00
LOCATION	L0003020	VOLUME	483381.812	3733140.999	436.00
LOCATION	L0003021	VOLUME	483381.849	3733132.409	436.00
LOCATION	L0003022	VOLUME	483381.885	3733123.819	436.00
LOCATION	L0003023	VOLUME	483381.922	3733115.229	436.00

** End of LINE VOLUME Source ID = SLINE1

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Bldg 1 E Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00003292

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483622.318, 3733489.293, 437.00, 3.49, 4.00

** 483623.926, 3733115.035, 437.00, 3.49, 4.00

**

LOCATION	L0003024	VOLUME	483622.337	3733484.998	437.00
LOCATION	L0003025	VOLUME	483622.374	3733476.408	437.00
LOCATION	L0003026	VOLUME	483622.411	3733467.818	437.00
LOCATION	L0003027	VOLUME	483622.448	3733459.228	437.00
LOCATION	L0003028	VOLUME	483622.484	3733450.638	437.00
LOCATION	L0003029	VOLUME	483622.521	3733442.048	437.00
LOCATION	L0003030	VOLUME	483622.558	3733433.458	437.00
LOCATION	L0003031	VOLUME	483622.595	3733424.869	437.00
LOCATION	L0003032	VOLUME	483622.632	3733416.279	437.00
LOCATION	L0003033	VOLUME	483622.669	3733407.689	437.00
LOCATION	L0003034	VOLUME	483622.706	3733399.099	437.00
LOCATION	L0003035	VOLUME	483622.743	3733390.509	437.00
LOCATION	L0003036	VOLUME	483622.780	3733381.919	437.00
LOCATION	L0003037	VOLUME	483622.817	3733373.329	437.00
LOCATION	L0003038	VOLUME	483622.853	3733364.739	437.00
LOCATION	L0003039	VOLUME	483622.890	3733356.149	437.00
LOCATION	L0003040	VOLUME	483622.927	3733347.559	437.00
LOCATION	L0003041	VOLUME	483622.964	3733338.969	437.00
LOCATION	L0003042	VOLUME	483623.001	3733330.379	437.00
LOCATION	L0003043	VOLUME	483623.038	3733321.789	437.00
LOCATION	L0003044	VOLUME	483623.075	3733313.200	437.00
LOCATION	L0003045	VOLUME	483623.112	3733304.610	437.00
LOCATION	L0003046	VOLUME	483623.149	3733296.020	437.00

LOCATION	L0003047	VOLUME	483623.186	3733287.430	437.00
LOCATION	L0003048	VOLUME	483623.223	3733278.840	437.00
LOCATION	L0003049	VOLUME	483623.259	3733270.250	437.00
LOCATION	L0003050	VOLUME	483623.296	3733261.660	437.00
LOCATION	L0003051	VOLUME	483623.333	3733253.070	437.00
LOCATION	L0003052	VOLUME	483623.370	3733244.480	437.00
LOCATION	L0003053	VOLUME	483623.407	3733235.890	437.00
LOCATION	L0003054	VOLUME	483623.444	3733227.300	437.00
LOCATION	L0003055	VOLUME	483623.481	3733218.710	437.00
LOCATION	L0003056	VOLUME	483623.518	3733210.121	437.00
LOCATION	L0003057	VOLUME	483623.555	3733201.531	437.00
LOCATION	L0003058	VOLUME	483623.592	3733192.941	437.00
LOCATION	L0003059	VOLUME	483623.629	3733184.351	437.00
LOCATION	L0003060	VOLUME	483623.665	3733175.761	437.00
LOCATION	L0003061	VOLUME	483623.702	3733167.171	437.00
LOCATION	L0003062	VOLUME	483623.739	3733158.581	437.00
LOCATION	L0003063	VOLUME	483623.776	3733149.991	437.00
LOCATION	L0003064	VOLUME	483623.813	3733141.401	437.00
LOCATION	L0003065	VOLUME	483623.850	3733132.811	437.00
LOCATION	L0003066	VOLUME	483623.887	3733124.221	437.00
LOCATION	L0003067	VOLUME	483623.924	3733115.631	437.00

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Bldg 2 Idle

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00005515

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 482966.839, 3733137.590, 435.00, 3.49, 4.00

** 483181.107, 3733136.750, 436.00, 3.49, 4.00

**

LOCATION	L0003068	VOLUME	482971.134	3733137.573	435.00
LOCATION	L0003069	VOLUME	482979.724	3733137.539	435.00
LOCATION	L0003070	VOLUME	482988.314	3733137.505	435.00
LOCATION	L0003071	VOLUME	482996.904	3733137.472	435.00
LOCATION	L0003072	VOLUME	483005.494	3733137.438	435.00
LOCATION	L0003073	VOLUME	483014.084	3733137.405	435.00
LOCATION	L0003074	VOLUME	483022.674	3733137.371	435.00
LOCATION	L0003075	VOLUME	483031.264	3733137.337	435.00
LOCATION	L0003076	VOLUME	483039.854	3733137.304	435.00
LOCATION	L0003077	VOLUME	483048.443	3733137.270	435.00
LOCATION	L0003078	VOLUME	483057.033	3733137.236	435.00
LOCATION	L0003079	VOLUME	483065.623	3733137.203	435.00
LOCATION	L0003080	VOLUME	483074.213	3733137.169	435.00
LOCATION	L0003081	VOLUME	483082.803	3733137.135	435.00
LOCATION	L0003082	VOLUME	483091.393	3733137.102	435.00
LOCATION	L0003083	VOLUME	483099.983	3733137.068	435.00
LOCATION	L0003084	VOLUME	483108.573	3733137.034	435.00
LOCATION	L0003085	VOLUME	483117.163	3733137.001	435.00
LOCATION	L0003086	VOLUME	483125.753	3733136.967	435.00
LOCATION	L0003087	VOLUME	483134.343	3733136.933	435.09
LOCATION	L0003088	VOLUME	483142.933	3733136.900	435.27
LOCATION	L0003089	VOLUME	483151.523	3733136.866	435.46
LOCATION	L0003090	VOLUME	483160.113	3733136.832	435.64
LOCATION	L0003091	VOLUME	483168.703	3733136.799	435.74
LOCATION	L0003092	VOLUME	483177.292	3733136.765	435.85

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Bldg 1 Onsite W

```

** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001936
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 483305.258, 3733012.819, 436.00, 3.49, 4.00
** 483350.688, 3733012.015, 436.00, 3.49, 4.00
** 483360.739, 3733027.292, 436.00, 3.49, 4.00
** 483359.131, 3733549.538, 436.00, 3.49, 4.00
** 483358.729, 3733555.568, 436.00, 3.49, 4.00
** 483297.217, 3733556.372, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0003093      VOLUME  483309.552 3733012.743 436.00
LOCATION L0003094      VOLUME  483318.141 3733012.591 436.00
LOCATION L0003095      VOLUME  483326.730 3733012.439 436.00
LOCATION L0003096      VOLUME  483335.318 3733012.287 436.00
LOCATION L0003097      VOLUME  483343.907 3733012.135 436.00
LOCATION L0003098      VOLUME  483351.682 3733013.525 436.00
LOCATION L0003099      VOLUME  483356.403 3733020.701 436.00
LOCATION L0003100      VOLUME  483360.737 3733027.993 436.00
LOCATION L0003101      VOLUME  483360.710 3733036.583 436.00
LOCATION L0003102      VOLUME  483360.684 3733045.173 436.00
LOCATION L0003103      VOLUME  483360.658 3733053.763 436.00
LOCATION L0003104      VOLUME  483360.631 3733062.353 436.00
LOCATION L0003105      VOLUME  483360.605 3733070.943 436.00
LOCATION L0003106      VOLUME  483360.578 3733079.533 436.00
LOCATION L0003107      VOLUME  483360.552 3733088.123 436.00
LOCATION L0003108      VOLUME  483360.525 3733096.713 436.00
LOCATION L0003109      VOLUME  483360.499 3733105.303 436.00
LOCATION L0003110      VOLUME  483360.472 3733113.893 436.00
LOCATION L0003111      VOLUME  483360.446 3733122.483 436.00
LOCATION L0003112      VOLUME  483360.419 3733131.073 436.00
LOCATION L0003113      VOLUME  483360.393 3733139.662 436.00
LOCATION L0003114      VOLUME  483360.367 3733148.252 436.00
LOCATION L0003115      VOLUME  483360.340 3733156.842 436.00
LOCATION L0003116      VOLUME  483360.314 3733165.432 436.00
LOCATION L0003117      VOLUME  483360.287 3733174.022 436.00
LOCATION L0003118      VOLUME  483360.261 3733182.612 436.00
LOCATION L0003119      VOLUME  483360.234 3733191.202 436.00
LOCATION L0003120      VOLUME  483360.208 3733199.792 436.00
LOCATION L0003121      VOLUME  483360.181 3733208.382 436.00
LOCATION L0003122      VOLUME  483360.155 3733216.972 436.00
LOCATION L0003123      VOLUME  483360.128 3733225.562 436.00
LOCATION L0003124      VOLUME  483360.102 3733234.152 436.00
LOCATION L0003125      VOLUME  483360.076 3733242.742 436.00
LOCATION L0003126      VOLUME  483360.049 3733251.332 436.00
LOCATION L0003127      VOLUME  483360.023 3733259.922 436.00
LOCATION L0003128      VOLUME  483359.996 3733268.512 436.00
LOCATION L0003129      VOLUME  483359.970 3733277.102 436.00
LOCATION L0003130      VOLUME  483359.943 3733285.692 436.00
LOCATION L0003131      VOLUME  483359.917 3733294.282 436.00
LOCATION L0003132      VOLUME  483359.890 3733302.872 436.00
LOCATION L0003133      VOLUME  483359.864 3733311.462 436.00
LOCATION L0003134      VOLUME  483359.838 3733320.052 436.00
LOCATION L0003135      VOLUME  483359.811 3733328.642 436.00
LOCATION L0003136      VOLUME  483359.785 3733337.232 436.00
LOCATION L0003137      VOLUME  483359.758 3733345.822 436.00
LOCATION L0003138      VOLUME  483359.732 3733354.411 436.00
LOCATION L0003139      VOLUME  483359.705 3733363.001 436.00
LOCATION L0003140      VOLUME  483359.679 3733371.591 436.00
LOCATION L0003141      VOLUME  483359.652 3733380.181 436.00
LOCATION L0003142      VOLUME  483359.626 3733388.771 436.00
LOCATION L0003143      VOLUME  483359.599 3733397.361 436.00
LOCATION L0003144      VOLUME  483359.573 3733405.951 436.00

```

LOCATION	VOLUME			
L0003145	483359.547	3733414.541	436.00	
L0003146	483359.520	3733423.131	436.00	
L0003147	483359.494	3733431.721	436.00	
L0003148	483359.467	3733440.311	436.00	
L0003149	483359.441	3733448.901	436.00	
L0003150	483359.414	3733457.491	436.00	
L0003151	483359.388	3733466.081	436.00	
L0003152	483359.361	3733474.671	436.00	
L0003153	483359.335	3733483.261	436.00	
L0003154	483359.309	3733491.851	436.00	
L0003155	483359.282	3733500.441	436.00	
L0003156	483359.256	3733509.031	436.00	
L0003157	483359.229	3733517.621	436.00	
L0003158	483359.203	3733526.211	436.00	
L0003159	483359.176	3733534.801	436.00	
L0003160	483359.150	3733543.391	436.00	
L0003161	483358.968	3733551.975	436.00	
L0003162	483353.740	3733555.633	436.00	
L0003163	483345.151	3733555.746	436.00	
L0003164	483336.562	3733555.858	436.00	
L0003165	483327.972	3733555.970	436.00	
L0003166	483319.383	3733556.082	436.00	
L0003167	483310.794	3733556.195	436.00	
L0003168	483302.205	3733556.307	436.00	

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Bldg 1 Onsite E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00002465

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 8

** 483364.683, 3733553.432, 436.00, 3.49, 4.00

** 483376.016, 3733559.728, 436.00, 3.49, 4.00

** 483629.539, 3733559.728, 437.00, 3.49, 4.00

** 483640.872, 3733553.222, 437.03, 3.49, 4.00

** 483642.970, 3733042.819, 437.00, 3.49, 4.00

** 483650.945, 3733031.276, 437.00, 3.49, 4.00

** 483660.809, 3733028.967, 437.00, 3.49, 4.00

** 483678.648, 3733028.757, 437.00, 3.49, 4.00

** -----

LOCATION L0003169	VOLUME 483368.438	3733555.518	436.00	
LOCATION L0003170	VOLUME 483375.947	3733559.689	436.00	
LOCATION L0003171	VOLUME 483384.527	3733559.728	436.00	
LOCATION L0003172	VOLUME 483393.117	3733559.728	436.00	
LOCATION L0003173	VOLUME 483401.707	3733559.728	436.00	
LOCATION L0003174	VOLUME 483410.297	3733559.728	436.00	
LOCATION L0003175	VOLUME 483418.887	3733559.728	436.00	
LOCATION L0003176	VOLUME 483427.477	3733559.728	436.00	
LOCATION L0003177	VOLUME 483436.067	3733559.728	436.20	
LOCATION L0003178	VOLUME 483444.657	3733559.728	436.49	
LOCATION L0003179	VOLUME 483453.247	3733559.728	436.77	
LOCATION L0003180	VOLUME 483461.837	3733559.728	437.00	
LOCATION L0003181	VOLUME 483470.427	3733559.728	437.00	
LOCATION L0003182	VOLUME 483479.017	3733559.728	437.00	
LOCATION L0003183	VOLUME 483487.607	3733559.728	437.00	
LOCATION L0003184	VOLUME 483496.197	3733559.728	437.00	
LOCATION L0003185	VOLUME 483504.787	3733559.728	437.00	
LOCATION L0003186	VOLUME 483513.377	3733559.728	437.00	
LOCATION L0003187	VOLUME 483521.967	3733559.728	437.00	
LOCATION L0003188	VOLUME 483530.557	3733559.728	437.00	
LOCATION L0003189	VOLUME 483539.147	3733559.728	437.00	

LOCATION	L0003190	VOLUME	483547.737	3733559.728	437.00
LOCATION	L0003191	VOLUME	483556.327	3733559.728	437.00
LOCATION	L0003192	VOLUME	483564.917	3733559.728	437.00
LOCATION	L0003193	VOLUME	483573.507	3733559.728	437.00
LOCATION	L0003194	VOLUME	483582.097	3733559.728	437.00
LOCATION	L0003195	VOLUME	483590.687	3733559.728	437.00
LOCATION	L0003196	VOLUME	483599.277	3733559.728	437.00
LOCATION	L0003197	VOLUME	483607.867	3733559.728	437.00
LOCATION	L0003198	VOLUME	483616.457	3733559.728	437.00
LOCATION	L0003199	VOLUME	483625.047	3733559.728	437.00
LOCATION	L0003200	VOLUME	483633.093	3733557.688	437.00
LOCATION	L0003201	VOLUME	483640.542	3733553.411	437.02
LOCATION	L0003202	VOLUME	483640.905	3733545.012	437.03
LOCATION	L0003203	VOLUME	483640.941	3733536.422	437.03
LOCATION	L0003204	VOLUME	483640.976	3733527.832	437.03
LOCATION	L0003205	VOLUME	483641.011	3733519.242	437.03
LOCATION	L0003206	VOLUME	483641.047	3733510.652	437.03
LOCATION	L0003207	VOLUME	483641.082	3733502.062	437.02
LOCATION	L0003208	VOLUME	483641.117	3733493.472	437.01
LOCATION	L0003209	VOLUME	483641.153	3733484.882	437.00
LOCATION	L0003210	VOLUME	483641.188	3733476.292	437.00
LOCATION	L0003211	VOLUME	483641.223	3733467.702	437.00
LOCATION	L0003212	VOLUME	483641.259	3733459.112	437.00
LOCATION	L0003213	VOLUME	483641.294	3733450.522	437.01
LOCATION	L0003214	VOLUME	483641.329	3733441.933	437.02
LOCATION	L0003215	VOLUME	483641.364	3733433.343	437.03
LOCATION	L0003216	VOLUME	483641.400	3733424.753	437.04
LOCATION	L0003217	VOLUME	483641.435	3733416.163	437.03
LOCATION	L0003218	VOLUME	483641.470	3733407.573	437.02
LOCATION	L0003219	VOLUME	483641.506	3733398.983	437.00
LOCATION	L0003220	VOLUME	483641.541	3733390.393	437.00
LOCATION	L0003221	VOLUME	483641.576	3733381.803	437.00
LOCATION	L0003222	VOLUME	483641.612	3733373.213	437.00
LOCATION	L0003223	VOLUME	483641.647	3733364.623	437.00
LOCATION	L0003224	VOLUME	483641.682	3733356.033	437.00
LOCATION	L0003225	VOLUME	483641.718	3733347.443	437.00
LOCATION	L0003226	VOLUME	483641.753	3733338.853	437.00
LOCATION	L0003227	VOLUME	483641.788	3733330.263	437.00
LOCATION	L0003228	VOLUME	483641.824	3733321.674	437.00
LOCATION	L0003229	VOLUME	483641.859	3733313.084	437.00
LOCATION	L0003230	VOLUME	483641.894	3733304.494	437.00
LOCATION	L0003231	VOLUME	483641.930	3733295.904	437.00
LOCATION	L0003232	VOLUME	483641.965	3733287.314	437.00
LOCATION	L0003233	VOLUME	483642.000	3733278.724	437.00
LOCATION	L0003234	VOLUME	483642.036	3733270.134	437.00
LOCATION	L0003235	VOLUME	483642.071	3733261.544	437.00
LOCATION	L0003236	VOLUME	483642.106	3733252.954	437.00
LOCATION	L0003237	VOLUME	483642.142	3733244.364	437.00
LOCATION	L0003238	VOLUME	483642.177	3733235.774	437.00
LOCATION	L0003239	VOLUME	483642.212	3733227.184	437.00
LOCATION	L0003240	VOLUME	483642.247	3733218.594	437.00
LOCATION	L0003241	VOLUME	483642.283	3733210.004	437.00
LOCATION	L0003242	VOLUME	483642.318	3733201.415	437.00
LOCATION	L0003243	VOLUME	483642.353	3733192.825	437.00
LOCATION	L0003244	VOLUME	483642.389	3733184.235	437.00
LOCATION	L0003245	VOLUME	483642.424	3733175.645	437.00
LOCATION	L0003246	VOLUME	483642.459	3733167.055	437.00
LOCATION	L0003247	VOLUME	483642.495	3733158.465	437.00
LOCATION	L0003248	VOLUME	483642.530	3733149.875	437.00
LOCATION	L0003249	VOLUME	483642.565	3733141.285	437.00
LOCATION	L0003250	VOLUME	483642.601	3733132.695	437.00
LOCATION	L0003251	VOLUME	483642.636	3733124.105	437.00
LOCATION	L0003252	VOLUME	483642.671	3733115.515	437.00
LOCATION	L0003253	VOLUME	483642.707	3733106.925	437.00
LOCATION	L0003254	VOLUME	483642.742	3733098.335	437.00
LOCATION	L0003255	VOLUME	483642.777	3733089.746	437.00

LOCATION	L0003256	VOLUME	483642.813	3733081.156	437.00
LOCATION	L0003257	VOLUME	483642.848	3733072.566	437.00
LOCATION	L0003258	VOLUME	483642.883	3733063.976	437.00
LOCATION	L0003259	VOLUME	483642.919	3733055.386	437.00
LOCATION	L0003260	VOLUME	483642.954	3733046.796	437.00
LOCATION	L0003261	VOLUME	483645.592	3733039.024	437.00
LOCATION	L0003262	VOLUME	483650.475	3733031.956	437.00
LOCATION	L0003263	VOLUME	483658.504	3733029.507	437.00
LOCATION	L0003264	VOLUME	483667.031	3733028.894	437.00
LOCATION	L0003265	VOLUME	483675.621	3733028.793	437.00

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Bldg 1 Onsite S

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 8.695E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 7

** 483358.231, 3733011.231, 436.00, 3.49, 4.00

** 483369.167, 3733006.446, 436.00, 3.49, 4.00

** 483377.027, 3733003.712, 436.00, 3.49, 4.00

** 483457.338, 3733005.079, 436.03, 3.49, 4.00

** 483483.311, 3733020.800, 436.87, 3.49, 4.00

** 483632.314, 3733023.192, 437.00, 3.49, 4.00

** 483644.959, 3733027.976, 437.00, 3.49, 4.00

**

LOCATION	L0003266	VOLUME	483362.166	3733009.509	436.00
LOCATION	L0003267	VOLUME	483370.062	3733006.135	436.00
LOCATION	L0003268	VOLUME	483378.243	3733003.733	436.00
LOCATION	L0003269	VOLUME	483386.832	3733003.879	436.00
LOCATION	L0003270	VOLUME	483395.420	3733004.025	436.00
LOCATION	L0003271	VOLUME	483404.009	3733004.172	436.00
LOCATION	L0003272	VOLUME	483412.598	3733004.318	436.00
LOCATION	L0003273	VOLUME	483421.187	3733004.464	436.00
LOCATION	L0003274	VOLUME	483429.775	3733004.610	436.00
LOCATION	L0003275	VOLUME	483438.364	3733004.756	436.01
LOCATION	L0003276	VOLUME	483446.953	3733004.902	436.02
LOCATION	L0003277	VOLUME	483455.542	3733005.049	436.03
LOCATION	L0003278	VOLUME	483463.150	3733008.597	436.10
LOCATION	L0003279	VOLUME	483470.499	3733013.045	436.35
LOCATION	L0003280	VOLUME	483477.847	3733017.493	436.59
LOCATION	L0003281	VOLUME	483485.514	3733020.835	436.85
LOCATION	L0003282	VOLUME	483494.103	3733020.973	437.00
LOCATION	L0003283	VOLUME	483502.692	3733021.111	437.00
LOCATION	L0003284	VOLUME	483511.281	3733021.249	437.00
LOCATION	L0003285	VOLUME	483519.870	3733021.387	437.00
LOCATION	L0003286	VOLUME	483528.459	3733021.525	437.00
LOCATION	L0003287	VOLUME	483537.047	3733021.662	437.00
LOCATION	L0003288	VOLUME	483545.636	3733021.800	437.00
LOCATION	L0003289	VOLUME	483554.225	3733021.938	437.00
LOCATION	L0003290	VOLUME	483562.814	3733022.076	437.00
LOCATION	L0003291	VOLUME	483571.403	3733022.214	437.00
LOCATION	L0003292	VOLUME	483579.992	3733022.352	437.00
LOCATION	L0003293	VOLUME	483588.581	3733022.490	437.00
LOCATION	L0003294	VOLUME	483597.170	3733022.628	437.00
LOCATION	L0003295	VOLUME	483605.759	3733022.766	437.00
LOCATION	L0003296	VOLUME	483614.347	3733022.904	437.00
LOCATION	L0003297	VOLUME	483622.936	3733023.041	437.00
LOCATION	L0003298	VOLUME	483631.525	3733023.179	437.00
LOCATION	L0003299	VOLUME	483639.610	3733025.953	437.00

** End of LINE VOLUME Source ID = SLINE6

**


```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Bldg 2 Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 7.957E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 482955.154, 3733155.117, 435.00, 3.49, 4.00
** 483275.858, 3733153.858, 436.00, 3.49, 4.00

```

```

-----
LOCATION L0003300    VOLUME  482959.449 3733155.100 435.00
LOCATION L0003301    VOLUME  482968.039 3733155.066 435.00
LOCATION L0003302    VOLUME  482976.629 3733155.033 435.00
LOCATION L0003303    VOLUME  482985.219 3733154.999 435.00
LOCATION L0003304    VOLUME  482993.809 3733154.965 435.00
LOCATION L0003305    VOLUME  483002.399 3733154.931 435.00
LOCATION L0003306    VOLUME  483010.989 3733154.898 435.00
LOCATION L0003307    VOLUME  483019.579 3733154.864 435.00
LOCATION L0003308    VOLUME  483028.168 3733154.830 435.00
LOCATION L0003309    VOLUME  483036.758 3733154.796 435.00
LOCATION L0003310    VOLUME  483045.348 3733154.763 435.00
LOCATION L0003311    VOLUME  483053.938 3733154.729 435.00
LOCATION L0003312    VOLUME  483062.528 3733154.695 435.00
LOCATION L0003313    VOLUME  483071.118 3733154.662 435.00
LOCATION L0003314    VOLUME  483079.708 3733154.628 435.00
LOCATION L0003315    VOLUME  483088.298 3733154.594 435.00
LOCATION L0003316    VOLUME  483096.888 3733154.560 435.00
LOCATION L0003317    VOLUME  483105.478 3733154.527 435.00
LOCATION L0003318    VOLUME  483114.068 3733154.493 435.00
LOCATION L0003319    VOLUME  483122.658 3733154.459 435.00
LOCATION L0003320    VOLUME  483131.248 3733154.425 435.00
LOCATION L0003321    VOLUME  483139.838 3733154.392 435.02
LOCATION L0003322    VOLUME  483148.428 3733154.358 435.03
LOCATION L0003323    VOLUME  483157.017 3733154.324 435.05
LOCATION L0003324    VOLUME  483165.607 3733154.291 435.23
LOCATION L0003325    VOLUME  483174.197 3733154.257 435.50
LOCATION L0003326    VOLUME  483182.787 3733154.223 435.77
LOCATION L0003327    VOLUME  483191.377 3733154.189 436.00
LOCATION L0003328    VOLUME  483199.967 3733154.156 436.00
LOCATION L0003329    VOLUME  483208.557 3733154.122 436.00
LOCATION L0003330    VOLUME  483217.147 3733154.088 436.00
LOCATION L0003331    VOLUME  483225.737 3733154.054 436.00
LOCATION L0003332    VOLUME  483234.327 3733154.021 436.00
LOCATION L0003333    VOLUME  483242.917 3733153.987 436.00
LOCATION L0003334    VOLUME  483251.507 3733153.953 436.00
LOCATION L0003335    VOLUME  483260.097 3733153.919 436.00
LOCATION L0003336    VOLUME  483268.687 3733153.886 436.00

```

```

** End of LINE VOLUME Source ID = SLINE7

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC Sherman S
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 6.64E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 483284.355, 3733011.303, 436.00, 3.49, 6.51
** 483283.671, 3733154.172, 436.00, 3.49, 6.51

```

```

-----
LOCATION L0003337    VOLUME  483284.321 3733018.303 436.00

```

LOCATION	L0003338	VOLUME	483284.254	3733032.303	436.00
LOCATION	L0003339	VOLUME	483284.187	3733046.302	436.00
LOCATION	L0003340	VOLUME	483284.120	3733060.302	436.00
LOCATION	L0003341	VOLUME	483284.053	3733074.302	436.00
LOCATION	L0003342	VOLUME	483283.986	3733088.302	436.00
LOCATION	L0003343	VOLUME	483283.919	3733102.302	436.00
LOCATION	L0003344	VOLUME	483283.852	3733116.302	436.00
LOCATION	L0003345	VOLUME	483283.785	3733130.301	436.00
LOCATION	L0003346	VOLUME	483283.718	3733144.301	436.00

** End of LINE VOLUME Source ID = SLINE8

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Sherman C

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 6.591E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.716, 3733152.128, 436.00, 3.49, 6.51

** 483283.716, 3733555.905, 436.00, 3.49, 6.51

**

LOCATION	L0003347	VOLUME	483283.716	3733159.128	436.00
LOCATION	L0003348	VOLUME	483283.716	3733173.128	436.00
LOCATION	L0003349	VOLUME	483283.716	3733187.128	436.00
LOCATION	L0003350	VOLUME	483283.716	3733201.128	436.00
LOCATION	L0003351	VOLUME	483283.716	3733215.128	436.00
LOCATION	L0003352	VOLUME	483283.716	3733229.128	436.00
LOCATION	L0003353	VOLUME	483283.716	3733243.128	436.00
LOCATION	L0003354	VOLUME	483283.716	3733257.128	436.00
LOCATION	L0003355	VOLUME	483283.716	3733271.128	436.00
LOCATION	L0003356	VOLUME	483283.716	3733285.128	436.00
LOCATION	L0003357	VOLUME	483283.716	3733299.128	436.00
LOCATION	L0003358	VOLUME	483283.716	3733313.128	436.00
LOCATION	L0003359	VOLUME	483283.716	3733327.128	436.00
LOCATION	L0003360	VOLUME	483283.716	3733341.128	436.00
LOCATION	L0003361	VOLUME	483283.716	3733355.128	436.00
LOCATION	L0003362	VOLUME	483283.716	3733369.128	436.00
LOCATION	L0003363	VOLUME	483283.716	3733383.128	436.00
LOCATION	L0003364	VOLUME	483283.716	3733397.128	436.00
LOCATION	L0003365	VOLUME	483283.716	3733411.128	436.00
LOCATION	L0003366	VOLUME	483283.716	3733425.128	436.00
LOCATION	L0003367	VOLUME	483283.716	3733439.128	436.00
LOCATION	L0003368	VOLUME	483283.716	3733453.128	436.00
LOCATION	L0003369	VOLUME	483283.716	3733467.128	436.00
LOCATION	L0003370	VOLUME	483283.716	3733481.128	436.00
LOCATION	L0003371	VOLUME	483283.716	3733495.128	436.00
LOCATION	L0003372	VOLUME	483283.716	3733509.128	436.00
LOCATION	L0003373	VOLUME	483283.716	3733523.128	436.00
LOCATION	L0003374	VOLUME	483283.716	3733537.128	436.00
LOCATION	L0003375	VOLUME	483283.716	3733551.128	436.00

** End of LINE VOLUME Source ID = SLINE9

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC Sherman N

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.267E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483283.455, 3733558.069, 436.00, 3.49, 6.51

** 483283.455, 3733666.150, 436.00, 3.49, 6.51

**

LOCATION	L0003376	VOLUME	483283.455	3733565.069	436.00
LOCATION	L0003377	VOLUME	483283.455	3733579.069	436.00
LOCATION	L0003378	VOLUME	483283.455	3733593.069	436.00
LOCATION	L0003379	VOLUME	483283.455	3733607.069	436.00
LOCATION	L0003380	VOLUME	483283.455	3733621.069	436.00
LOCATION	L0003381	VOLUME	483283.455	3733635.069	436.00
LOCATION	L0003382	VOLUME	483283.455	3733649.069	436.00
LOCATION	L0003383	VOLUME	483283.455	3733663.069	436.00

** End of LINE VOLUME Source ID = SLINE10

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Dawson

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 2.936E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483688.720, 3733028.607, 437.00, 3.49, 4.00

** 483686.307, 3733660.381, 438.00, 3.49, 4.00

**

LOCATION	L0003384	VOLUME	483688.703	3733032.902	437.00
LOCATION	L0003385	VOLUME	483688.670	3733041.491	437.00
LOCATION	L0003386	VOLUME	483688.638	3733050.081	437.00
LOCATION	L0003387	VOLUME	483688.605	3733058.671	437.00
LOCATION	L0003388	VOLUME	483688.572	3733067.261	437.00
LOCATION	L0003389	VOLUME	483688.539	3733075.851	437.00
LOCATION	L0003390	VOLUME	483688.506	3733084.441	437.00
LOCATION	L0003391	VOLUME	483688.474	3733093.031	437.00
LOCATION	L0003392	VOLUME	483688.441	3733101.621	437.00
LOCATION	L0003393	VOLUME	483688.408	3733110.211	437.00
LOCATION	L0003394	VOLUME	483688.375	3733118.801	437.00
LOCATION	L0003395	VOLUME	483688.342	3733127.391	437.00
LOCATION	L0003396	VOLUME	483688.310	3733135.981	437.00
LOCATION	L0003397	VOLUME	483688.277	3733144.571	437.00
LOCATION	L0003398	VOLUME	483688.244	3733153.161	437.00
LOCATION	L0003399	VOLUME	483688.211	3733161.751	437.00
LOCATION	L0003400	VOLUME	483688.178	3733170.341	437.00
LOCATION	L0003401	VOLUME	483688.146	3733178.930	437.00
LOCATION	L0003402	VOLUME	483688.113	3733187.520	437.00
LOCATION	L0003403	VOLUME	483688.080	3733196.110	437.00
LOCATION	L0003404	VOLUME	483688.047	3733204.700	437.00
LOCATION	L0003405	VOLUME	483688.014	3733213.290	437.00
LOCATION	L0003406	VOLUME	483687.981	3733221.880	437.00
LOCATION	L0003407	VOLUME	483687.949	3733230.470	437.00
LOCATION	L0003408	VOLUME	483687.916	3733239.060	437.00
LOCATION	L0003409	VOLUME	483687.883	3733247.650	437.00
LOCATION	L0003410	VOLUME	483687.850	3733256.240	437.00
LOCATION	L0003411	VOLUME	483687.817	3733264.830	437.00
LOCATION	L0003412	VOLUME	483687.785	3733273.420	437.00
LOCATION	L0003413	VOLUME	483687.752	3733282.010	437.00
LOCATION	L0003414	VOLUME	483687.719	3733290.600	437.00
LOCATION	L0003415	VOLUME	483687.686	3733299.190	437.00
LOCATION	L0003416	VOLUME	483687.653	3733307.780	437.04
LOCATION	L0003417	VOLUME	483687.621	3733316.369	437.20
LOCATION	L0003418	VOLUME	483687.588	3733324.959	437.37
LOCATION	L0003419	VOLUME	483687.555	3733333.549	437.54
LOCATION	L0003420	VOLUME	483687.522	3733342.139	437.58
LOCATION	L0003421	VOLUME	483687.489	3733350.729	437.58
LOCATION	L0003422	VOLUME	483687.457	3733359.319	437.58
LOCATION	L0003423	VOLUME	483687.424	3733367.909	437.58
LOCATION	L0003424	VOLUME	483687.391	3733376.499	437.58

LOCATION	L0003425	VOLUME	483687.358	3733385.089	437.58
LOCATION	L0003426	VOLUME	483687.325	3733393.679	437.57
LOCATION	L0003427	VOLUME	483687.293	3733402.269	437.66
LOCATION	L0003428	VOLUME	483687.260	3733410.859	437.78
LOCATION	L0003429	VOLUME	483687.227	3733419.449	437.91
LOCATION	L0003430	VOLUME	483687.194	3733428.039	437.97
LOCATION	L0003431	VOLUME	483687.161	3733436.629	437.85
LOCATION	L0003432	VOLUME	483687.129	3733445.219	437.72
LOCATION	L0003433	VOLUME	483687.096	3733453.808	437.60
LOCATION	L0003434	VOLUME	483687.063	3733462.398	437.57
LOCATION	L0003435	VOLUME	483687.030	3733470.988	437.56
LOCATION	L0003436	VOLUME	483686.997	3733479.578	437.56
LOCATION	L0003437	VOLUME	483686.964	3733488.168	437.59
LOCATION	L0003438	VOLUME	483686.932	3733496.758	437.72
LOCATION	L0003439	VOLUME	483686.899	3733505.348	437.84
LOCATION	L0003440	VOLUME	483686.866	3733513.938	437.97
LOCATION	L0003441	VOLUME	483686.833	3733522.528	438.00
LOCATION	L0003442	VOLUME	483686.800	3733531.118	438.00
LOCATION	L0003443	VOLUME	483686.768	3733539.708	438.00
LOCATION	L0003444	VOLUME	483686.735	3733548.298	438.00
LOCATION	L0003445	VOLUME	483686.702	3733556.888	438.00
LOCATION	L0003446	VOLUME	483686.669	3733565.478	438.00
LOCATION	L0003447	VOLUME	483686.636	3733574.068	438.00
LOCATION	L0003448	VOLUME	483686.604	3733582.658	438.00
LOCATION	L0003449	VOLUME	483686.571	3733591.247	438.00
LOCATION	L0003450	VOLUME	483686.538	3733599.837	438.00
LOCATION	L0003451	VOLUME	483686.505	3733608.427	438.00
LOCATION	L0003452	VOLUME	483686.472	3733617.017	438.00
LOCATION	L0003453	VOLUME	483686.440	3733625.607	438.00
LOCATION	L0003454	VOLUME	483686.407	3733634.197	438.00
LOCATION	L0003455	VOLUME	483686.374	3733642.787	438.00
LOCATION	L0003456	VOLUME	483686.341	3733651.377	438.00
LOCATION	L0003457	VOLUME	483686.308	3733659.967	438.00

** End of LINE VOLUME Source ID = SLINE11

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Ethanac E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 1.866E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 483686.610, 3733668.204, 438.00, 3.49, 4.00

** 483284.962, 3733669.571, 436.00, 3.49, 4.00

**

LOCATION	L0003458	VOLUME	483682.315	3733668.218	438.00
LOCATION	L0003459	VOLUME	483673.725	3733668.248	438.00
LOCATION	L0003460	VOLUME	483665.135	3733668.277	438.00
LOCATION	L0003461	VOLUME	483656.545	3733668.306	438.00
LOCATION	L0003462	VOLUME	483647.955	3733668.335	438.00
LOCATION	L0003463	VOLUME	483639.365	3733668.365	437.98
LOCATION	L0003464	VOLUME	483630.775	3733668.394	437.71
LOCATION	L0003465	VOLUME	483622.185	3733668.423	437.45
LOCATION	L0003466	VOLUME	483613.595	3733668.452	437.19
LOCATION	L0003467	VOLUME	483605.005	3733668.482	437.07
LOCATION	L0003468	VOLUME	483596.415	3733668.511	437.05
LOCATION	L0003469	VOLUME	483587.825	3733668.540	437.02
LOCATION	L0003470	VOLUME	483579.235	3733668.569	437.00
LOCATION	L0003471	VOLUME	483570.645	3733668.599	437.00
LOCATION	L0003472	VOLUME	483562.055	3733668.628	437.00
LOCATION	L0003473	VOLUME	483553.465	3733668.657	437.00
LOCATION	L0003474	VOLUME	483544.876	3733668.686	437.00
LOCATION	L0003475	VOLUME	483536.286	3733668.716	437.00

LOCATION	VOLUME			
L0003476	483527.696	3733668.745	437.00	
L0003477	483519.106	3733668.774	437.00	
L0003478	483510.516	3733668.803	437.00	
L0003479	483501.926	3733668.832	437.00	
L0003480	483493.336	3733668.862	437.00	
L0003481	483484.746	3733668.891	437.00	
L0003482	483476.156	3733668.920	437.00	
L0003483	483467.566	3733668.949	437.00	
L0003484	483458.976	3733668.979	437.00	
L0003485	483450.386	3733669.008	437.00	
L0003486	483441.796	3733669.037	437.00	
L0003487	483433.206	3733669.066	437.00	
L0003488	483424.616	3733669.096	437.00	
L0003489	483416.026	3733669.125	437.00	
L0003490	483407.436	3733669.154	437.00	
L0003491	483398.846	3733669.183	436.96	
L0003492	483390.256	3733669.213	436.67	
L0003493	483381.666	3733669.242	436.39	
L0003494	483373.077	3733669.271	436.10	
L0003495	483364.487	3733669.300	436.00	
L0003496	483355.897	3733669.330	436.00	
L0003497	483347.307	3733669.359	436.00	
L0003498	483338.717	3733669.388	436.00	
L0003499	483330.127	3733669.417	436.00	
L0003500	483321.537	3733669.447	436.00	
L0003501	483312.947	3733669.476	436.00	
L0003502	483304.357	3733669.505	436.00	
L0003503	483295.767	3733669.534	436.00	
L0003504	483287.177	3733669.564	436.00	

** End of LINE VOLUME Source ID = SLINE12

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Ethanac W

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.00002397

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 483283.697, 3733670.145, 436.00, 3.49, 6.51

** 482584.283, 3733672.724, 434.00, 3.49, 6.51

** 482347.808, 3733674.848, 433.94, 3.49, 6.51

**

LOCATION	VOLUME			
L0003505	483276.697	3733670.171	436.00	
L0003506	483262.697	3733670.223	436.00	
L0003507	483248.697	3733670.274	436.00	
L0003508	483234.698	3733670.326	436.00	
L0003509	483220.698	3733670.378	436.00	
L0003510	483206.698	3733670.429	436.00	
L0003511	483192.698	3733670.481	436.00	
L0003512	483178.698	3733670.533	436.00	
L0003513	483164.698	3733670.584	436.00	
L0003514	483150.698	3733670.636	435.69	
L0003515	483136.698	3733670.687	435.22	
L0003516	483122.698	3733670.739	435.00	
L0003517	483108.698	3733670.791	435.00	
L0003518	483094.698	3733670.842	435.00	
L0003519	483080.699	3733670.894	435.00	
L0003520	483066.699	3733670.945	435.00	
L0003521	483052.699	3733670.997	435.00	
L0003522	483038.699	3733671.049	435.00	
L0003523	483024.699	3733671.100	435.00	
L0003524	483010.699	3733671.152	435.00	
L0003525	482996.699	3733671.204	435.00	

LOCATION	L0003526	VOLUME	482982.699	3733671.255	435.00
LOCATION	L0003527	VOLUME	482968.699	3733671.307	435.00
LOCATION	L0003528	VOLUME	482954.699	3733671.358	435.00
LOCATION	L0003529	VOLUME	482940.700	3733671.410	435.00
LOCATION	L0003530	VOLUME	482926.700	3733671.462	435.00
LOCATION	L0003531	VOLUME	482912.700	3733671.513	435.00
LOCATION	L0003532	VOLUME	482898.700	3733671.565	435.00
LOCATION	L0003533	VOLUME	482884.700	3733671.616	435.00
LOCATION	L0003534	VOLUME	482870.700	3733671.668	435.00
LOCATION	L0003535	VOLUME	482856.700	3733671.720	435.00
LOCATION	L0003536	VOLUME	482842.700	3733671.771	435.00
LOCATION	L0003537	VOLUME	482828.700	3733671.823	435.00
LOCATION	L0003538	VOLUME	482814.700	3733671.875	435.00
LOCATION	L0003539	VOLUME	482800.700	3733671.926	435.00
LOCATION	L0003540	VOLUME	482786.701	3733671.978	434.64
LOCATION	L0003541	VOLUME	482772.701	3733672.029	434.27
LOCATION	L0003542	VOLUME	482758.701	3733672.081	434.13
LOCATION	L0003543	VOLUME	482744.701	3733672.133	434.03
LOCATION	L0003544	VOLUME	482730.701	3733672.184	434.00
LOCATION	L0003545	VOLUME	482716.701	3733672.236	434.00
LOCATION	L0003546	VOLUME	482702.701	3733672.287	434.00
LOCATION	L0003547	VOLUME	482688.701	3733672.339	434.00
LOCATION	L0003548	VOLUME	482674.701	3733672.391	434.00
LOCATION	L0003549	VOLUME	482660.701	3733672.442	434.00
LOCATION	L0003550	VOLUME	482646.702	3733672.494	434.00
LOCATION	L0003551	VOLUME	482632.702	3733672.546	434.00
LOCATION	L0003552	VOLUME	482618.702	3733672.597	434.00
LOCATION	L0003553	VOLUME	482604.702	3733672.649	434.00
LOCATION	L0003554	VOLUME	482590.702	3733672.700	434.00
LOCATION	L0003555	VOLUME	482576.702	3733672.792	434.00
LOCATION	L0003556	VOLUME	482562.703	3733672.918	434.00
LOCATION	L0003557	VOLUME	482548.703	3733673.044	434.00
LOCATION	L0003558	VOLUME	482534.704	3733673.169	434.00
LOCATION	L0003559	VOLUME	482520.705	3733673.295	434.00
LOCATION	L0003560	VOLUME	482506.705	3733673.421	434.00
LOCATION	L0003561	VOLUME	482492.706	3733673.546	434.00
LOCATION	L0003562	VOLUME	482478.706	3733673.672	434.00
LOCATION	L0003563	VOLUME	482464.707	3733673.798	434.00
LOCATION	L0003564	VOLUME	482450.707	3733673.924	434.00
LOCATION	L0003565	VOLUME	482436.708	3733674.049	434.00
LOCATION	L0003566	VOLUME	482422.708	3733674.175	434.00
LOCATION	L0003567	VOLUME	482408.709	3733674.301	434.00
LOCATION	L0003568	VOLUME	482394.710	3733674.426	434.00
LOCATION	L0003569	VOLUME	482380.710	3733674.552	434.00
LOCATION	L0003570	VOLUME	482366.711	3733674.678	433.87
LOCATION	L0003571	VOLUME	482352.711	3733674.804	433.73

** End of LINE VOLUME Source ID = SLINE13

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0002980	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002981	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002982	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002983	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002984	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002985	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002986	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002987	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002988	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002989	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002990	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002991	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002992	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002993	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002994	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002995	0.0000007482	3.49	4.00	3.25
SRCPARAM	L0002996	0.0000007482	3.49	4.00	3.25


```
SRCPARAM L0003567      0.0000003578      3.49      6.51      3.25
SRCPARAM L0003568      0.0000003578      3.49      6.51      3.25
SRCPARAM L0003569      0.0000003578      3.49      6.51      3.25
SRCPARAM L0003570      0.0000003578      3.49      6.51      3.25
SRCPARAM L0003571      0.0000003578      3.49      6.51      3.25
```

** -----

```
URBANSRC ALL
SRCGROUP ALL
```

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

```
RE STARTING
  INCLUDED "14616 Ops Scenario 2.rou"
```

RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

```
ME STARTING
SURFFILE PERI_V9_ADJU\PERI_v9.SFC
PROFFILE PERI_V9_ADJU\PERI_v9.PFL
SURFDATA 3171 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 442.0 METERS
```

ME FINISHED
**

** AERMOD Output Pathway

**
**

```
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "14616 OPS SCENARIO 2.AD\AN00GALL.PLT" 31
  SUMMFILE "14616 Ops Scenario 2.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 1483 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1483 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
```

*** SETUP Finishes Successfully ***

PAGE 1

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 592 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

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

**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 592 Source(s); 1 Source Group(s); and 43 Receptor(s)
with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 592 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)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
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

L0002993	0	0.74820E-06	483380.8	3733372.9	436.0	3.49	4.00	3.25
YES								
L0002994	0	0.74820E-06	483380.9	3733364.3	436.0	3.49	4.00	3.25
YES								
L0002995	0	0.74820E-06	483380.9	3733355.7	436.0	3.49	4.00	3.25
YES								
L0002996	0	0.74820E-06	483380.9	3733347.2	436.0	3.49	4.00	3.25
YES								
L0002997	0	0.74820E-06	483381.0	3733338.6	436.0	3.49	4.00	3.25
YES								
L0002998	0	0.74820E-06	483381.0	3733330.0	436.0	3.49	4.00	3.25
YES								
L0002999	0	0.74820E-06	483381.0	3733321.4	436.0	3.49	4.00	3.25
YES								
L0003000	0	0.74820E-06	483381.1	3733312.8	436.0	3.49	4.00	3.25
YES								
L0003001	0	0.74820E-06	483381.1	3733304.2	436.0	3.49	4.00	3.25
YES								
L0003002	0	0.74820E-06	483381.1	3733295.6	436.0	3.49	4.00	3.25
YES								
L0003003	0	0.74820E-06	483381.2	3733287.0	436.0	3.49	4.00	3.25
YES								
L0003004	0	0.74820E-06	483381.2	3733278.4	436.0	3.49	4.00	3.25
YES								
L0003005	0	0.74820E-06	483381.3	3733269.8	436.0	3.49	4.00	3.25
YES								
L0003006	0	0.74820E-06	483381.3	3733261.3	436.0	3.49	4.00	3.25
YES								
L0003007	0	0.74820E-06	483381.3	3733252.7	436.0	3.49	4.00	3.25
YES								
L0003008	0	0.74820E-06	483381.4	3733244.1	436.0	3.49	4.00	3.25
YES								
L0003009	0	0.74820E-06	483381.4	3733235.5	436.0	3.49	4.00	3.25
YES								
L0003010	0	0.74820E-06	483381.4	3733226.9	436.0	3.49	4.00	3.25
YES								
L0003011	0	0.74820E-06	483381.5	3733218.3	436.0	3.49	4.00	3.25
YES								
L0003012	0	0.74820E-06	483381.5	3733209.7	436.0	3.49	4.00	3.25
YES								
L0003013	0	0.74820E-06	483381.6	3733201.1	436.0	3.49	4.00	3.25
YES								
L0003014	0	0.74820E-06	483381.6	3733192.5	436.0	3.49	4.00	3.25
YES								
L0003015	0	0.74820E-06	483381.6	3733183.9	436.0	3.49	4.00	3.25
YES								
L0003016	0	0.74820E-06	483381.7	3733175.4	436.0	3.49	4.00	3.25
YES								
L0003017	0	0.74820E-06	483381.7	3733166.8	436.0	3.49	4.00	3.25
YES								
L0003018	0	0.74820E-06	483381.7	3733158.2	436.0	3.49	4.00	3.25
YES								
L0003019	0	0.74820E-06	483381.8	3733149.6	436.0	3.49	4.00	3.25
YES								

```

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** *** 16:01:17

```

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
--------	---------------	------	---------	-------	-------

L0003049	0	0.74820E-06	483623.3	3733270.2	437.0	3.49	4.00	3.25
YES								
L0003050	0	0.74820E-06	483623.3	3733261.7	437.0	3.49	4.00	3.25
YES								
L0003051	0	0.74820E-06	483623.3	3733253.1	437.0	3.49	4.00	3.25
YES								
L0003052	0	0.74820E-06	483623.4	3733244.5	437.0	3.49	4.00	3.25
YES								
L0003053	0	0.74820E-06	483623.4	3733235.9	437.0	3.49	4.00	3.25
YES								
L0003054	0	0.74820E-06	483623.4	3733227.3	437.0	3.49	4.00	3.25
YES								
L0003055	0	0.74820E-06	483623.5	3733218.7	437.0	3.49	4.00	3.25
YES								
L0003056	0	0.74820E-06	483623.5	3733210.1	437.0	3.49	4.00	3.25
YES								
L0003057	0	0.74820E-06	483623.6	3733201.5	437.0	3.49	4.00	3.25
YES								
L0003058	0	0.74820E-06	483623.6	3733192.9	437.0	3.49	4.00	3.25
YES								
L0003059	0	0.74820E-06	483623.6	3733184.4	437.0	3.49	4.00	3.25
YES								

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op ***                01/12/22
*** AERMET - VERSION 16216 ***
***                                     ***                16:01:17

```

PAGE 4


*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***


SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	VARY	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							

L0003060	0	0.74820E-06	483623.7	3733175.8	437.0	3.49	4.00	3.25
YES								
L0003061	0	0.74820E-06	483623.7	3733167.2	437.0	3.49	4.00	3.25
YES								
L0003062	0	0.74820E-06	483623.7	3733158.6	437.0	3.49	4.00	3.25
YES								
L0003063	0	0.74820E-06	483623.8	3733150.0	437.0	3.49	4.00	3.25
YES								
L0003064	0	0.74820E-06	483623.8	3733141.4	437.0	3.49	4.00	3.25
YES								
L0003065	0	0.74820E-06	483623.8	3733132.8	437.0	3.49	4.00	3.25
YES								
L0003066	0	0.74820E-06	483623.9	3733124.2	437.0	3.49	4.00	3.25
YES								
L0003067	0	0.74820E-06	483623.9	3733115.6	437.0	3.49	4.00	3.25
YES								
L0003068	0	0.22060E-05	482971.1	3733137.6	435.0	3.49	4.00	3.25
YES								
L0003069	0	0.22060E-05	482979.7	3733137.5	435.0	3.49	4.00	3.25
YES								
L0003070	0	0.22060E-05	482988.3	3733137.5	435.0	3.49	4.00	3.25
YES								
L0003071	0	0.22060E-05	482996.9	3733137.5	435.0	3.49	4.00	3.25
YES								

L0003072	0	0.22060E-05	483005.5	3733137.4	435.0	3.49	4.00	3.25
YES								
L0003073	0	0.22060E-05	483014.1	3733137.4	435.0	3.49	4.00	3.25
YES								
L0003074	0	0.22060E-05	483022.7	3733137.4	435.0	3.49	4.00	3.25
YES								
L0003075	0	0.22060E-05	483031.3	3733137.3	435.0	3.49	4.00	3.25
YES								
L0003076	0	0.22060E-05	483039.9	3733137.3	435.0	3.49	4.00	3.25
YES								
L0003077	0	0.22060E-05	483048.4	3733137.3	435.0	3.49	4.00	3.25
YES								
L0003078	0	0.22060E-05	483057.0	3733137.2	435.0	3.49	4.00	3.25
YES								
L0003079	0	0.22060E-05	483065.6	3733137.2	435.0	3.49	4.00	3.25
YES								
L0003080	0	0.22060E-05	483074.2	3733137.2	435.0	3.49	4.00	3.25
YES								
L0003081	0	0.22060E-05	483082.8	3733137.1	435.0	3.49	4.00	3.25
YES								
L0003082	0	0.22060E-05	483091.4	3733137.1	435.0	3.49	4.00	3.25
YES								
L0003083	0	0.22060E-05	483100.0	3733137.1	435.0	3.49	4.00	3.25
YES								
L0003084	0	0.22060E-05	483108.6	3733137.0	435.0	3.49	4.00	3.25
YES								
L0003085	0	0.22060E-05	483117.2	3733137.0	435.0	3.49	4.00	3.25
YES								
L0003086	0	0.22060E-05	483125.8	3733137.0	435.0	3.49	4.00	3.25
YES								
L0003087	0	0.22060E-05	483134.3	3733136.9	435.1	3.49	4.00	3.25
YES								
L0003088	0	0.22060E-05	483142.9	3733136.9	435.3	3.49	4.00	3.25
YES								
L0003089	0	0.22060E-05	483151.5	3733136.9	435.5	3.49	4.00	3.25
YES								
L0003090	0	0.22060E-05	483160.1	3733136.8	435.6	3.49	4.00	3.25
YES								
L0003091	0	0.22060E-05	483168.7	3733136.8	435.7	3.49	4.00	3.25
YES								
L0003092	0	0.22060E-05	483177.3	3733136.8	435.9	3.49	4.00	3.25
YES								
L0003093	0	0.25470E-06	483309.6	3733012.7	436.0	3.49	4.00	3.25
YES								
L0003094	0	0.25470E-06	483318.1	3733012.6	436.0	3.49	4.00	3.25
YES								
L0003095	0	0.25470E-06	483326.7	3733012.4	436.0	3.49	4.00	3.25
YES								
L0003096	0	0.25470E-06	483335.3	3733012.3	436.0	3.49	4.00	3.25
YES								
L0003097	0	0.25470E-06	483343.9	3733012.1	436.0	3.49	4.00	3.25
YES								
L0003098	0	0.25470E-06	483351.7	3733013.5	436.0	3.49	4.00	3.25
YES								
L0003099	0	0.25470E-06	483356.4	3733020.7	436.0	3.49	4.00	3.25
YES								


 *** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 16:01:17

L0003151	0	0.25470E-06	483359.4	3733466.1	436.0	3.49	4.00	3.25
YES								
L0003152	0	0.25470E-06	483359.4	3733474.7	436.0	3.49	4.00	3.25
YES								
L0003153	0	0.25470E-06	483359.3	3733483.3	436.0	3.49	4.00	3.25
YES								
L0003154	0	0.25470E-06	483359.3	3733491.9	436.0	3.49	4.00	3.25
YES								
L0003155	0	0.25470E-06	483359.3	3733500.4	436.0	3.49	4.00	3.25
YES								
L0003156	0	0.25470E-06	483359.3	3733509.0	436.0	3.49	4.00	3.25
YES								
L0003157	0	0.25470E-06	483359.2	3733517.6	436.0	3.49	4.00	3.25
YES								
L0003158	0	0.25470E-06	483359.2	3733526.2	436.0	3.49	4.00	3.25
YES								
L0003159	0	0.25470E-06	483359.2	3733534.8	436.0	3.49	4.00	3.25
YES								
L0003160	0	0.25470E-06	483359.1	3733543.4	436.0	3.49	4.00	3.25
YES								
L0003161	0	0.25470E-06	483359.0	3733552.0	436.0	3.49	4.00	3.25
YES								
L0003162	0	0.25470E-06	483353.7	3733555.6	436.0	3.49	4.00	3.25
YES								
L0003163	0	0.25470E-06	483345.2	3733555.7	436.0	3.49	4.00	3.25
YES								
L0003164	0	0.25470E-06	483336.6	3733555.9	436.0	3.49	4.00	3.25
YES								
L0003165	0	0.25470E-06	483328.0	3733556.0	436.0	3.49	4.00	3.25
YES								
L0003166	0	0.25470E-06	483319.4	3733556.1	436.0	3.49	4.00	3.25
YES								
L0003167	0	0.25470E-06	483310.8	3733556.2	436.0	3.49	4.00	3.25
YES								
L0003168	0	0.25470E-06	483302.2	3733556.3	436.0	3.49	4.00	3.25
YES								
L0003169	0	0.25410E-06	483368.4	3733555.5	436.0	3.49	4.00	3.25
YES								
L0003170	0	0.25410E-06	483375.9	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003171	0	0.25410E-06	483384.5	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003172	0	0.25410E-06	483393.1	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003173	0	0.25410E-06	483401.7	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003174	0	0.25410E-06	483410.3	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003175	0	0.25410E-06	483418.9	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003176	0	0.25410E-06	483427.5	3733559.7	436.0	3.49	4.00	3.25
YES								
L0003177	0	0.25410E-06	483436.1	3733559.7	436.2	3.49	4.00	3.25
YES								
L0003178	0	0.25410E-06	483444.7	3733559.7	436.5	3.49	4.00	3.25
YES								
L0003179	0	0.25410E-06	483453.2	3733559.7	436.8	3.49	4.00	3.25
YES								


***** AERMOD - VERSION 21112 ***** ***** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee Commerce\14616 Op ***** 01/12/22
***** AERMET - VERSION 16216 *****

*** 16:01:17

L0003230	0	0.25410E-06	483641.9	3733304.5	437.0	3.49	4.00	3.25
YES								
L0003231	0	0.25410E-06	483641.9	3733295.9	437.0	3.49	4.00	3.25
YES								
L0003232	0	0.25410E-06	483642.0	3733287.3	437.0	3.49	4.00	3.25
YES								
L0003233	0	0.25410E-06	483642.0	3733278.7	437.0	3.49	4.00	3.25
YES								
L0003234	0	0.25410E-06	483642.0	3733270.1	437.0	3.49	4.00	3.25
YES								
L0003235	0	0.25410E-06	483642.1	3733261.5	437.0	3.49	4.00	3.25
YES								
L0003236	0	0.25410E-06	483642.1	3733253.0	437.0	3.49	4.00	3.25
YES								
L0003237	0	0.25410E-06	483642.1	3733244.4	437.0	3.49	4.00	3.25
YES								
L0003238	0	0.25410E-06	483642.2	3733235.8	437.0	3.49	4.00	3.25
YES								
L0003239	0	0.25410E-06	483642.2	3733227.2	437.0	3.49	4.00	3.25
YES								
L0003240	0	0.25410E-06	483642.2	3733218.6	437.0	3.49	4.00	3.25
YES								
L0003241	0	0.25410E-06	483642.3	3733210.0	437.0	3.49	4.00	3.25
YES								
L0003242	0	0.25410E-06	483642.3	3733201.4	437.0	3.49	4.00	3.25
YES								
L0003243	0	0.25410E-06	483642.4	3733192.8	437.0	3.49	4.00	3.25
YES								
L0003244	0	0.25410E-06	483642.4	3733184.2	437.0	3.49	4.00	3.25
YES								
L0003245	0	0.25410E-06	483642.4	3733175.6	437.0	3.49	4.00	3.25
YES								
L0003246	0	0.25410E-06	483642.5	3733167.1	437.0	3.49	4.00	3.25
YES								
L0003247	0	0.25410E-06	483642.5	3733158.5	437.0	3.49	4.00	3.25
YES								
L0003248	0	0.25410E-06	483642.5	3733149.9	437.0	3.49	4.00	3.25
YES								
L0003249	0	0.25410E-06	483642.6	3733141.3	437.0	3.49	4.00	3.25
YES								
L0003250	0	0.25410E-06	483642.6	3733132.7	437.0	3.49	4.00	3.25
YES								
L0003251	0	0.25410E-06	483642.6	3733124.1	437.0	3.49	4.00	3.25
YES								
L0003252	0	0.25410E-06	483642.7	3733115.5	437.0	3.49	4.00	3.25
YES								
L0003253	0	0.25410E-06	483642.7	3733106.9	437.0	3.49	4.00	3.25
YES								
L0003254	0	0.25410E-06	483642.7	3733098.3	437.0	3.49	4.00	3.25
YES								
L0003255	0	0.25410E-06	483642.8	3733089.7	437.0	3.49	4.00	3.25
YES								
L0003256	0	0.25410E-06	483642.8	3733081.2	437.0	3.49	4.00	3.25
YES								
L0003257	0	0.25410E-06	483642.8	3733072.6	437.0	3.49	4.00	3.25
YES								
L0003258	0	0.25410E-06	483642.9	3733064.0	437.0	3.49	4.00	3.25
YES								
L0003259	0	0.25410E-06	483642.9	3733055.4	437.0	3.49	4.00	3.25
YES								

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAS\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 16:01:17

L0003309	0	0.21510E-06	483036.8	3733154.8	435.0	3.49	4.00	3.25
YES								
L0003310	0	0.21510E-06	483045.3	3733154.8	435.0	3.49	4.00	3.25
YES								
L0003311	0	0.21510E-06	483053.9	3733154.7	435.0	3.49	4.00	3.25
YES								
L0003312	0	0.21510E-06	483062.5	3733154.7	435.0	3.49	4.00	3.25
YES								
L0003313	0	0.21510E-06	483071.1	3733154.7	435.0	3.49	4.00	3.25
YES								
L0003314	0	0.21510E-06	483079.7	3733154.6	435.0	3.49	4.00	3.25
YES								
L0003315	0	0.21510E-06	483088.3	3733154.6	435.0	3.49	4.00	3.25
YES								
L0003316	0	0.21510E-06	483096.9	3733154.6	435.0	3.49	4.00	3.25
YES								
L0003317	0	0.21510E-06	483105.5	3733154.5	435.0	3.49	4.00	3.25
YES								
L0003318	0	0.21510E-06	483114.1	3733154.5	435.0	3.49	4.00	3.25
YES								
L0003319	0	0.21510E-06	483122.7	3733154.5	435.0	3.49	4.00	3.25
YES								
L0003320	0	0.21510E-06	483131.2	3733154.4	435.0	3.49	4.00	3.25
YES								
L0003321	0	0.21510E-06	483139.8	3733154.4	435.0	3.49	4.00	3.25
YES								
L0003322	0	0.21510E-06	483148.4	3733154.4	435.0	3.49	4.00	3.25
YES								
L0003323	0	0.21510E-06	483157.0	3733154.3	435.1	3.49	4.00	3.25
YES								
L0003324	0	0.21510E-06	483165.6	3733154.3	435.2	3.49	4.00	3.25
YES								
L0003325	0	0.21510E-06	483174.2	3733154.3	435.5	3.49	4.00	3.25
YES								
L0003326	0	0.21510E-06	483182.8	3733154.2	435.8	3.49	4.00	3.25
YES								
L0003327	0	0.21510E-06	483191.4	3733154.2	436.0	3.49	4.00	3.25
YES								
L0003328	0	0.21510E-06	483200.0	3733154.2	436.0	3.49	4.00	3.25
YES								
L0003329	0	0.21510E-06	483208.6	3733154.1	436.0	3.49	4.00	3.25
YES								
L0003330	0	0.21510E-06	483217.1	3733154.1	436.0	3.49	4.00	3.25
YES								
L0003331	0	0.21510E-06	483225.7	3733154.1	436.0	3.49	4.00	3.25
YES								
L0003332	0	0.21510E-06	483234.3	3733154.0	436.0	3.49	4.00	3.25
YES								
L0003333	0	0.21510E-06	483242.9	3733154.0	436.0	3.49	4.00	3.25
YES								
L0003334	0	0.21510E-06	483251.5	3733154.0	436.0	3.49	4.00	3.25
YES								
L0003335	0	0.21510E-06	483260.1	3733153.9	436.0	3.49	4.00	3.25
YES								
L0003336	0	0.21510E-06	483268.7	3733153.9	436.0	3.49	4.00	3.25
YES								
L0003337	0	0.66400E-07	483284.3	3733018.3	436.0	3.49	6.51	3.25
YES								
L0003338	0	0.66400E-07	483284.3	3733032.3	436.0	3.49	6.51	3.25
YES								
L0003339	0	0.66400E-07	483284.2	3733046.3	436.0	3.49	6.51	3.25
YES								

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

16:01:17

L0003365	0	0.22730E-06	483283.7	3733411.1	436.0	3.49	6.51	3.25
YES								
L0003366	0	0.22730E-06	483283.7	3733425.1	436.0	3.49	6.51	3.25
YES								
L0003367	0	0.22730E-06	483283.7	3733439.1	436.0	3.49	6.51	3.25
YES								
L0003368	0	0.22730E-06	483283.7	3733453.1	436.0	3.49	6.51	3.25
YES								
L0003369	0	0.22730E-06	483283.7	3733467.1	436.0	3.49	6.51	3.25
YES								
L0003370	0	0.22730E-06	483283.7	3733481.1	436.0	3.49	6.51	3.25
YES								
L0003371	0	0.22730E-06	483283.7	3733495.1	436.0	3.49	6.51	3.25
YES								
L0003372	0	0.22730E-06	483283.7	3733509.1	436.0	3.49	6.51	3.25
YES								
L0003373	0	0.22730E-06	483283.7	3733523.1	436.0	3.49	6.51	3.25
YES								
L0003374	0	0.22730E-06	483283.7	3733537.1	436.0	3.49	6.51	3.25
YES								
L0003375	0	0.22730E-06	483283.7	3733551.1	436.0	3.49	6.51	3.25
YES								
L0003376	0	0.28340E-06	483283.5	3733565.1	436.0	3.49	6.51	3.25
YES								
L0003377	0	0.28340E-06	483283.5	3733579.1	436.0	3.49	6.51	3.25
YES								
L0003378	0	0.28340E-06	483283.5	3733593.1	436.0	3.49	6.51	3.25
YES								
L0003379	0	0.28340E-06	483283.5	3733607.1	436.0	3.49	6.51	3.25
YES								

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 16:01:17

PAGE 12

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***


SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.								

L0003380	0	0.28340E-06	483283.5	3733621.1	436.0	3.49	6.51	3.25
YES								
L0003381	0	0.28340E-06	483283.5	3733635.1	436.0	3.49	6.51	3.25
YES								
L0003382	0	0.28340E-06	483283.5	3733649.1	436.0	3.49	6.51	3.25
YES								
L0003383	0	0.28340E-06	483283.5	3733663.1	436.0	3.49	6.51	3.25
YES								
L0003384	0	0.39680E-07	483688.7	3733032.9	437.0	3.49	4.00	3.25
YES								
L0003385	0	0.39680E-07	483688.7	3733041.5	437.0	3.49	4.00	3.25
YES								
L0003386	0	0.39680E-07	483688.6	3733050.1	437.0	3.49	4.00	3.25
YES								
L0003387	0	0.39680E-07	483688.6	3733058.7	437.0	3.49	4.00	3.25
YES								

L0003388	0	0.39680E-07	483688.6	3733067.3	437.0	3.49	4.00	3.25
YES								
L0003389	0	0.39680E-07	483688.5	3733075.9	437.0	3.49	4.00	3.25
YES								
L0003390	0	0.39680E-07	483688.5	3733084.4	437.0	3.49	4.00	3.25
YES								
L0003391	0	0.39680E-07	483688.5	3733093.0	437.0	3.49	4.00	3.25
YES								
L0003392	0	0.39680E-07	483688.4	3733101.6	437.0	3.49	4.00	3.25
YES								
L0003393	0	0.39680E-07	483688.4	3733110.2	437.0	3.49	4.00	3.25
YES								
L0003394	0	0.39680E-07	483688.4	3733118.8	437.0	3.49	4.00	3.25
YES								
L0003395	0	0.39680E-07	483688.3	3733127.4	437.0	3.49	4.00	3.25
YES								
L0003396	0	0.39680E-07	483688.3	3733136.0	437.0	3.49	4.00	3.25
YES								
L0003397	0	0.39680E-07	483688.3	3733144.6	437.0	3.49	4.00	3.25
YES								
L0003398	0	0.39680E-07	483688.2	3733153.2	437.0	3.49	4.00	3.25
YES								
L0003399	0	0.39680E-07	483688.2	3733161.8	437.0	3.49	4.00	3.25
YES								
L0003400	0	0.39680E-07	483688.2	3733170.3	437.0	3.49	4.00	3.25
YES								
L0003401	0	0.39680E-07	483688.1	3733178.9	437.0	3.49	4.00	3.25
YES								
L0003402	0	0.39680E-07	483688.1	3733187.5	437.0	3.49	4.00	3.25
YES								
L0003403	0	0.39680E-07	483688.1	3733196.1	437.0	3.49	4.00	3.25
YES								
L0003404	0	0.39680E-07	483688.0	3733204.7	437.0	3.49	4.00	3.25
YES								
L0003405	0	0.39680E-07	483688.0	3733213.3	437.0	3.49	4.00	3.25
YES								
L0003406	0	0.39680E-07	483688.0	3733221.9	437.0	3.49	4.00	3.25
YES								
L0003407	0	0.39680E-07	483687.9	3733230.5	437.0	3.49	4.00	3.25
YES								
L0003408	0	0.39680E-07	483687.9	3733239.1	437.0	3.49	4.00	3.25
YES								
L0003409	0	0.39680E-07	483687.9	3733247.6	437.0	3.49	4.00	3.25
YES								
L0003410	0	0.39680E-07	483687.8	3733256.2	437.0	3.49	4.00	3.25
YES								
L0003411	0	0.39680E-07	483687.8	3733264.8	437.0	3.49	4.00	3.25
YES								
L0003412	0	0.39680E-07	483687.8	3733273.4	437.0	3.49	4.00	3.25
YES								
L0003413	0	0.39680E-07	483687.8	3733282.0	437.0	3.49	4.00	3.25
YES								
L0003414	0	0.39680E-07	483687.7	3733290.6	437.0	3.49	4.00	3.25
YES								
L0003415	0	0.39680E-07	483687.7	3733299.2	437.0	3.49	4.00	3.25
YES								
L0003416	0	0.39680E-07	483687.7	3733307.8	437.0	3.49	4.00	3.25
YES								
L0003417	0	0.39680E-07	483687.6	3733316.4	437.2	3.49	4.00	3.25
YES								
L0003418	0	0.39680E-07	483687.6	3733325.0	437.4	3.49	4.00	3.25
YES								
L0003419	0	0.39680E-07	483687.6	3733333.5	437.5	3.49	4.00	3.25
YES								

L0003467 YES	0	0.39700E-07	483605.0	3733668.5	437.1	3.49	4.00	3.25
L0003468 YES	0	0.39700E-07	483596.4	3733668.5	437.1	3.49	4.00	3.25
L0003469 YES	0	0.39700E-07	483587.8	3733668.5	437.0	3.49	4.00	3.25
L0003470 YES	0	0.39700E-07	483579.2	3733668.6	437.0	3.49	4.00	3.25
L0003471 YES	0	0.39700E-07	483570.6	3733668.6	437.0	3.49	4.00	3.25
L0003472 YES	0	0.39700E-07	483562.1	3733668.6	437.0	3.49	4.00	3.25
L0003473 YES	0	0.39700E-07	483553.5	3733668.7	437.0	3.49	4.00	3.25
L0003474 YES	0	0.39700E-07	483544.9	3733668.7	437.0	3.49	4.00	3.25
L0003475 YES	0	0.39700E-07	483536.3	3733668.7	437.0	3.49	4.00	3.25
L0003476 YES	0	0.39700E-07	483527.7	3733668.7	437.0	3.49	4.00	3.25
L0003477 YES	0	0.39700E-07	483519.1	3733668.8	437.0	3.49	4.00	3.25
L0003478 YES	0	0.39700E-07	483510.5	3733668.8	437.0	3.49	4.00	3.25
L0003479 YES	0	0.39700E-07	483501.9	3733668.8	437.0	3.49	4.00	3.25
L0003480 YES	0	0.39700E-07	483493.3	3733668.9	437.0	3.49	4.00	3.25
L0003481 YES	0	0.39700E-07	483484.7	3733668.9	437.0	3.49	4.00	3.25
L0003482 YES	0	0.39700E-07	483476.2	3733668.9	437.0	3.49	4.00	3.25
L0003483 YES	0	0.39700E-07	483467.6	3733668.9	437.0	3.49	4.00	3.25
L0003484 YES	0	0.39700E-07	483459.0	3733669.0	437.0	3.49	4.00	3.25
L0003485 YES	0	0.39700E-07	483450.4	3733669.0	437.0	3.49	4.00	3.25
L0003486 YES	0	0.39700E-07	483441.8	3733669.0	437.0	3.49	4.00	3.25
L0003487 YES	0	0.39700E-07	483433.2	3733669.1	437.0	3.49	4.00	3.25
L0003488 YES	0	0.39700E-07	483424.6	3733669.1	437.0	3.49	4.00	3.25
L0003489 YES	0	0.39700E-07	483416.0	3733669.1	437.0	3.49	4.00	3.25
L0003490 YES	0	0.39700E-07	483407.4	3733669.2	437.0	3.49	4.00	3.25
L0003491 YES	0	0.39700E-07	483398.8	3733669.2	437.0	3.49	4.00	3.25
L0003492 YES	0	0.39700E-07	483390.3	3733669.2	436.7	3.49	4.00	3.25
L0003493 YES	0	0.39700E-07	483381.7	3733669.2	436.4	3.49	4.00	3.25
L0003494 YES	0	0.39700E-07	483373.1	3733669.3	436.1	3.49	4.00	3.25
L0003495 YES	0	0.39700E-07	483364.5	3733669.3	436.0	3.49	4.00	3.25
L0003496 YES	0	0.39700E-07	483355.9	3733669.3	436.0	3.49	4.00	3.25
L0003497 YES	0	0.39700E-07	483347.3	3733669.4	436.0	3.49	4.00	3.25
L0003498 YES	0	0.39700E-07	483338.7	3733669.4	436.0	3.49	4.00	3.25
L0003499 YES	0	0.39700E-07	483330.1	3733669.4	436.0	3.49	4.00	3.25

L0003546	0	0.35780E-06	482702.7	3733672.3	434.0	3.49	6.51	3.25
YES								
L0003547	0	0.35780E-06	482688.7	3733672.3	434.0	3.49	6.51	3.25
YES								
L0003548	0	0.35780E-06	482674.7	3733672.4	434.0	3.49	6.51	3.25
YES								
L0003549	0	0.35780E-06	482660.7	3733672.4	434.0	3.49	6.51	3.25
YES								
L0003550	0	0.35780E-06	482646.7	3733672.5	434.0	3.49	6.51	3.25
YES								
L0003551	0	0.35780E-06	482632.7	3733672.5	434.0	3.49	6.51	3.25
YES								
L0003552	0	0.35780E-06	482618.7	3733672.6	434.0	3.49	6.51	3.25
YES								
L0003553	0	0.35780E-06	482604.7	3733672.6	434.0	3.49	6.51	3.25
YES								
L0003554	0	0.35780E-06	482590.7	3733672.7	434.0	3.49	6.51	3.25
YES								
L0003555	0	0.35780E-06	482576.7	3733672.8	434.0	3.49	6.51	3.25
YES								
L0003556	0	0.35780E-06	482562.7	3733672.9	434.0	3.49	6.51	3.25
YES								
L0003557	0	0.35780E-06	482548.7	3733673.0	434.0	3.49	6.51	3.25
YES								
L0003558	0	0.35780E-06	482534.7	3733673.2	434.0	3.49	6.51	3.25
YES								
L0003559	0	0.35780E-06	482520.7	3733673.3	434.0	3.49	6.51	3.25
YES								
L0003560	0	0.35780E-06	482506.7	3733673.4	434.0	3.49	6.51	3.25
YES								
L0003561	0	0.35780E-06	482492.7	3733673.5	434.0	3.49	6.51	3.25
YES								
L0003562	0	0.35780E-06	482478.7	3733673.7	434.0	3.49	6.51	3.25
YES								
L0003563	0	0.35780E-06	482464.7	3733673.8	434.0	3.49	6.51	3.25
YES								
L0003564	0	0.35780E-06	482450.7	3733673.9	434.0	3.49	6.51	3.25
YES								
L0003565	0	0.35780E-06	482436.7	3733674.0	434.0	3.49	6.51	3.25
YES								
L0003566	0	0.35780E-06	482422.7	3733674.2	434.0	3.49	6.51	3.25
YES								
L0003567	0	0.35780E-06	482408.7	3733674.3	434.0	3.49	6.51	3.25
YES								
L0003568	0	0.35780E-06	482394.7	3733674.4	434.0	3.49	6.51	3.25
YES								
L0003569	0	0.35780E-06	482380.7	3733674.6	434.0	3.49	6.51	3.25
YES								
L0003570	0	0.35780E-06	482366.7	3733674.7	433.9	3.49	6.51	3.25
YES								
L0003571	0	0.35780E-06	482352.7	3733674.8	433.7	3.49	6.51	3.25
YES								


 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 16:01:17

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL L0002980 , L0002981 , L0002982 , L0002983 , L0002984 , L0002985
 , L0002986 , L0002987 ,

 L0002988 , L0002989 , L0002990 , L0002991 , L0002992 , L0002993
 , L0002994 , L0002995 ,

 L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001
 , L0003002 , L0003003 ,

 L0003004 , L0003005 , L0003006 , L0003007 , L0003008 , L0003009
 , L0003010 , L0003011 ,

 L0003012 , L0003013 , L0003014 , L0003015 , L0003016 , L0003017
 , L0003018 , L0003019 ,

 L0003020 , L0003021 , L0003022 , L0003023 , L0003024 , L0003025
 , L0003026 , L0003027 ,

 L0003028 , L0003029 , L0003030 , L0003031 , L0003032 , L0003033
 , L0003034 , L0003035 ,

 L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041
 , L0003042 , L0003043 ,

 L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049
 , L0003050 , L0003051 ,

 L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057
 , L0003058 , L0003059 ,

 L0003060 , L0003061 , L0003062 , L0003063 , L0003064 , L0003065
 , L0003066 , L0003067 ,

 L0003068 , L0003069 , L0003070 , L0003071 , L0003072 , L0003073
 , L0003074 , L0003075 ,

 L0003076 , L0003077 , L0003078 , L0003079 , L0003080 , L0003081
 , L0003082 , L0003083 ,

 L0003084 , L0003085 , L0003086 , L0003087 , L0003088 , L0003089
 , L0003090 , L0003091 ,

 L0003092 , L0003093 , L0003094 , L0003095 , L0003096 , L0003097
 , L0003098 , L0003099 ,

 L0003100 , L0003101 , L0003102 , L0003103 , L0003104 , L0003105
 , L0003106 , L0003107 ,

 L0003108 , L0003109 , L0003110 , L0003111 , L0003112 , L0003113
 , L0003114 , L0003115 ,

 L0003116 , L0003117 , L0003118 , L0003119 , L0003120 , L0003121
 , L0003122 , L0003123 ,

 L0003124 , L0003125 , L0003126 , L0003127 , L0003128 , L0003129
 , L0003130 , L0003131 ,

 L0003132 , L0003133 , L0003134 , L0003135 , L0003136 , L0003137
 , L0003138 , L0003139 ,

EP *** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAS\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***

*** 16:01:17

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0003140	,	L0003141	,	L0003142	,	L0003143	,	L0003144	,	L0003145
, L0003146		, L0003147		,						
L0003148	,	L0003149	,	L0003150	,	L0003151	,	L0003152	,	L0003153
, L0003154		, L0003155		,						
L0003156	,	L0003157	,	L0003158	,	L0003159	,	L0003160	,	L0003161
, L0003162		, L0003163		,						
L0003164	,	L0003165	,	L0003166	,	L0003167	,	L0003168	,	L0003169
, L0003170		, L0003171		,						
L0003172	,	L0003173	,	L0003174	,	L0003175	,	L0003176	,	L0003177
, L0003178		, L0003179		,						
L0003180	,	L0003181	,	L0003182	,	L0003183	,	L0003184	,	L0003185
, L0003186		, L0003187		,						
L0003188	,	L0003189	,	L0003190	,	L0003191	,	L0003192	,	L0003193
, L0003194		, L0003195		,						
L0003196	,	L0003197	,	L0003198	,	L0003199	,	L0003200	,	L0003201
, L0003202		, L0003203		,						
L0003204	,	L0003205	,	L0003206	,	L0003207	,	L0003208	,	L0003209
, L0003210		, L0003211		,						
L0003212	,	L0003213	,	L0003214	,	L0003215	,	L0003216	,	L0003217
, L0003218		, L0003219		,						
L0003220	,	L0003221	,	L0003222	,	L0003223	,	L0003224	,	L0003225
, L0003226		, L0003227		,						
L0003228	,	L0003229	,	L0003230	,	L0003231	,	L0003232	,	L0003233
, L0003234		, L0003235		,						
L0003236	,	L0003237	,	L0003238	,	L0003239	,	L0003240	,	L0003241
, L0003242		, L0003243		,						
L0003244	,	L0003245	,	L0003246	,	L0003247	,	L0003248	,	L0003249
, L0003250		, L0003251		,						
L0003252	,	L0003253	,	L0003254	,	L0003255	,	L0003256	,	L0003257
, L0003258		, L0003259		,						
L0003260	,	L0003261	,	L0003262	,	L0003263	,	L0003264	,	L0003265
, L0003266		, L0003267		,						
L0003268	,	L0003269	,	L0003270	,	L0003271	,	L0003272	,	L0003273
, L0003274		, L0003275		,						
L0003276	,	L0003277	,	L0003278	,	L0003279	,	L0003280	,	L0003281
, L0003282		, L0003283		,						
L0003284	,	L0003285	,	L0003286	,	L0003287	,	L0003288	,	L0003289
, L0003290		, L0003291		,						

L0003292 , L0003293 , L0003294 , L0003295 , L0003296 , L0003297
, L0003298 , L0003299 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 16:01:17

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0003300 , L0003301 , L0003302 , L0003303 , L0003304 , L0003305
, L0003306 , L0003307 ,

L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313
, L0003314 , L0003315 ,

L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321
, L0003322 , L0003323 ,

L0003324 , L0003325 , L0003326 , L0003327 , L0003328 , L0003329
, L0003330 , L0003331 ,

L0003332 , L0003333 , L0003334 , L0003335 , L0003336 , L0003337
, L0003338 , L0003339 ,

L0003340 , L0003341 , L0003342 , L0003343 , L0003344 , L0003345
, L0003346 , L0003347 ,

L0003348 , L0003349 , L0003350 , L0003351 , L0003352 , L0003353
, L0003354 , L0003355 ,

L0003356 , L0003357 , L0003358 , L0003359 , L0003360 , L0003361
, L0003362 , L0003363 ,

L0003364 , L0003365 , L0003366 , L0003367 , L0003368 , L0003369
, L0003370 , L0003371 ,

L0003372 , L0003373 , L0003374 , L0003375 , L0003376 , L0003377
, L0003378 , L0003379 ,

L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385
, L0003386 , L0003387 ,

L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393
, L0003394 , L0003395 ,

L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401
, L0003402 , L0003403 ,

L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409
, L0003410 , L0003411 ,

L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417
, L0003418 , L0003419 ,

L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425
, L0003426 , L0003427 ,

L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433

, L0003434 , L0003435 ,
 L0003436 , L0003437 , L0003438 , L0003439 , L0003440 , L0003441
 , L0003442 , L0003443 ,
 L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449
 , L0003450 , L0003451 ,
 L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457
 , L0003458 , L0003459 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** *** 16:01:17

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0003460 , L0003461 , L0003462 , L0003463 , L0003464 , L0003465
 , L0003466 , L0003467 ,
 L0003468 , L0003469 , L0003470 , L0003471 , L0003472 , L0003473
 , L0003474 , L0003475 ,
 L0003476 , L0003477 , L0003478 , L0003479 , L0003480 , L0003481
 , L0003482 , L0003483 ,
 L0003484 , L0003485 , L0003486 , L0003487 , L0003488 , L0003489
 , L0003490 , L0003491 ,
 L0003492 , L0003493 , L0003494 , L0003495 , L0003496 , L0003497
 , L0003498 , L0003499 ,
 L0003500 , L0003501 , L0003502 , L0003503 , L0003504 , L0003505
 , L0003506 , L0003507 ,
 L0003508 , L0003509 , L0003510 , L0003511 , L0003512 , L0003513
 , L0003514 , L0003515 ,
 L0003516 , L0003517 , L0003518 , L0003519 , L0003520 , L0003521
 , L0003522 , L0003523 ,
 L0003524 , L0003525 , L0003526 , L0003527 , L0003528 , L0003529
 , L0003530 , L0003531 ,
 L0003532 , L0003533 , L0003534 , L0003535 , L0003536 , L0003537
 , L0003538 , L0003539 ,
 L0003540 , L0003541 , L0003542 , L0003543 , L0003544 , L0003545
 , L0003546 , L0003547 ,
 L0003548 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553
 , L0003554 , L0003555 ,
 L0003556 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561
 , L0003562 , L0003563 ,
 L0003564 , L0003565 , L0003566 , L0003567 , L0003568 , L0003569
 , L0003570 , L0003571 ,

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L000297	2189641. L0002985	L0002980 , L0002986	, L0002981 ,	, L0002982 ,	, L0002983 ,	, L0002984 ,	
L000298	L0002988 , L0002994	, L0002989 , L0002995	, L0002990 ,	, L0002991 ,	, L0002992 ,	, L0002993 ,	
L000299	L0002996 , L0003002	, L0002997 , L0003003	, L0002998 ,	, L0002999 ,	, L0003000 ,	, L0003001 ,	
L000300	L0003004 , L0003010	, L0003005 , L0003011	, L0003006 ,	, L0003007 ,	, L0003008 ,	, L0003009 ,	
L000301	L0003012 , L0003018	, L0003013 , L0003019	, L0003014 ,	, L0003015 ,	, L0003016 ,	, L0003017 ,	
L000302	L0003020 , L0003026	, L0003021 , L0003027	, L0003022 ,	, L0003023 ,	, L0003024 ,	, L0003025 ,	
L000303	L0003028 , L0003034	, L0003029 , L0003035	, L0003030 ,	, L0003031 ,	, L0003032 ,	, L0003033 ,	
L000304	L0003036 , L0003042	, L0003037 , L0003043	, L0003038 ,	, L0003039 ,	, L0003040 ,	, L0003041 ,	
L000305	L0003044 , L0003050	, L0003045 , L0003051	, L0003046 ,	, L0003047 ,	, L0003048 ,	, L0003049 ,	
L000306	L0003052 , L0003058	, L0003053 , L0003059	, L0003054 ,	, L0003055 ,	, L0003056 ,	, L0003057 ,	
L000307	L0003060 , L0003066	, L0003061 , L0003067	, L0003062 ,	, L0003063 ,	, L0003064 ,	, L0003065 ,	
L000308	L0003068 , L0003074	, L0003069 , L0003075	, L0003070 ,	, L0003071 ,	, L0003072 ,	, L0003073 ,	
L000309	L0003076 , L0003082	, L0003077 , L0003083	, L0003078 ,	, L0003079 ,	, L0003080 ,	, L0003081 ,	
L000310	L0003084 , L0003090	, L0003085 , L0003091	, L0003086 ,	, L0003087 ,	, L0003088 ,	, L0003089 ,	
L000311	L0003092 , L0003098	, L0003093 , L0003099	, L0003094 ,	, L0003095 ,	, L0003096 ,	, L0003097 ,	
L000312	L0003100 , L0003106	, L0003101 , L0003107	, L0003102 ,	, L0003103 ,	, L0003104 ,	, L0003105 ,	
L000313	L0003108 , L0003114	, L0003109 , L0003115	, L0003110 ,	, L0003111 ,	, L0003112 ,	, L0003113 ,	

L0003116 , L0003117 , L0003118 , L0003119 , L0003120 , L0003121
 , L0003122 , L0003123 ,
 L0003124 , L0003125 , L0003126 , L0003127 , L0003128 , L0003129
 , L0003130 , L0003131 ,
 L0003132 , L0003133 , L0003134 , L0003135 , L0003136 , L0003137
 , L0003138 , L0003139 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Meniffee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

16:01:17

PAGE 22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0003140 , L0003146	L0003141 , L0003147	L0003142 ,	L0003143 ,	L0003144 ,	L0003145 ,	L0003146 ,	L0003147 ,
L0003148 , L0003154	L0003149 , L0003155	L0003150 ,	L0003151 ,	L0003152 ,	L0003153 ,	L0003154 ,	L0003155 ,
L0003156 , L0003162	L0003157 , L0003163	L0003158 ,	L0003159 ,	L0003160 ,	L0003161 ,	L0003162 ,	L0003163 ,
L0003164 , L0003170	L0003165 , L0003171	L0003166 ,	L0003167 ,	L0003168 ,	L0003169 ,	L0003170 ,	L0003171 ,
L0003172 , L0003178	L0003173 , L0003179	L0003174 ,	L0003175 ,	L0003176 ,	L0003177 ,	L0003178 ,	L0003179 ,
L0003180 , L0003186	L0003181 , L0003187	L0003182 ,	L0003183 ,	L0003184 ,	L0003185 ,	L0003186 ,	L0003187 ,
L0003188 , L0003194	L0003189 , L0003195	L0003190 ,	L0003191 ,	L0003192 ,	L0003193 ,	L0003194 ,	L0003195 ,
L0003196 , L0003202	L0003197 , L0003203	L0003198 ,	L0003199 ,	L0003200 ,	L0003201 ,	L0003202 ,	L0003203 ,
L0003204 , L0003210	L0003205 , L0003211	L0003206 ,	L0003207 ,	L0003208 ,	L0003209 ,	L0003210 ,	L0003211 ,
L0003212 , L0003218	L0003213 , L0003219	L0003214 ,	L0003215 ,	L0003216 ,	L0003217 ,	L0003218 ,	L0003219 ,
L0003220 , L0003226	L0003221 , L0003227	L0003222 ,	L0003223 ,	L0003224 ,	L0003225 ,	L0003226 ,	L0003227 ,
L0003228 , L0003234	L0003229 , L0003235	L0003230 ,	L0003231 ,	L0003232 ,	L0003233 ,	L0003234 ,	L0003235 ,
L0003236 , L0003242	L0003237 , L0003243	L0003238 ,	L0003239 ,	L0003240 ,	L0003241 ,	L0003242 ,	L0003243 ,
L0003244 , L0003250	L0003245 , L0003251	L0003246 ,	L0003247 ,	L0003248 ,	L0003249 ,	L0003250 ,	L0003251 ,

L0003252 , L0003253 , L0003254 , L0003255 , L0003256 , L0003257
 , L0003258 , L0003259 ,
 L0003260 , L0003261 , L0003262 , L0003263 , L0003264 , L0003265
 , L0003266 , L0003267 ,
 L0003268 , L0003269 , L0003270 , L0003271 , L0003272 , L0003273
 , L0003274 , L0003275 ,
 L0003276 , L0003277 , L0003278 , L0003279 , L0003280 , L0003281
 , L0003282 , L0003283 ,
 L0003284 , L0003285 , L0003286 , L0003287 , L0003288 , L0003289
 , L0003290 , L0003291 ,
 L0003292 , L0003293 , L0003294 , L0003295 , L0003296 , L0003297
 , L0003298 , L0003299 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22
 *** AERMET - VERSION 16216 ***
 *** 16:01:17

PAGE 23

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0003300	L0003306	L0003301	L0003302	L0003303	L0003304	L0003305	
		L0003307					
L0003308	L0003314	L0003309	L0003310	L0003311	L0003312	L0003313	
		L0003315					
L0003316	L0003322	L0003317	L0003318	L0003319	L0003320	L0003321	
		L0003323					
L0003324	L0003330	L0003325	L0003326	L0003327	L0003328	L0003329	
		L0003331					
L0003332	L0003338	L0003333	L0003334	L0003335	L0003336	L0003337	
		L0003339					
L0003340	L0003346	L0003341	L0003342	L0003343	L0003344	L0003345	
		L0003347					
L0003348	L0003354	L0003349	L0003350	L0003351	L0003352	L0003353	
		L0003355					
L0003356	L0003362	L0003357	L0003358	L0003359	L0003360	L0003361	
		L0003363					
L0003364	L0003370	L0003365	L0003366	L0003367	L0003368	L0003369	
		L0003371					
L0003372	L0003378	L0003373	L0003374	L0003375	L0003376	L0003377	
		L0003379					
L0003380	L0003386	L0003381	L0003382	L0003383	L0003384	L0003385	
		L0003387					
L0003388		L0003389	L0003390	L0003391	L0003392	L0003393	

, L0003394 , L0003395 ,
L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401
, L0003402 , L0003403 ,
L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409
, L0003410 , L0003411 ,
L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417
, L0003418 , L0003419 ,
L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425
, L0003426 , L0003427 ,
L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433
, L0003434 , L0003435 ,
L0003436 , L0003437 , L0003438 , L0003439 , L0003440 , L0003441
, L0003442 , L0003443 ,
L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449
, L0003450 , L0003451 ,
L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457
, L0003458 , L0003459 ,

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 16:01:17

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0003460 , L0003466	, L0003461 , L0003467	, L0003462 , L0003463 , L0003464 , L0003465 ,
L0003468 , L0003474	, L0003469 , L0003475	, L0003470 , L0003471 , L0003472 , L0003473 ,
L0003476 , L0003482	, L0003477 , L0003483	, L0003478 , L0003479 , L0003480 , L0003481 ,
L0003484 , L0003490	, L0003485 , L0003491	, L0003486 , L0003487 , L0003488 , L0003489 ,
L0003492 , L0003498	, L0003493 , L0003499	, L0003494 , L0003495 , L0003496 , L0003497 ,
L0003500 , L0003506	, L0003501 , L0003507	, L0003502 , L0003503 , L0003504 , L0003505 ,
L0003508 , L0003514	, L0003509 , L0003515	, L0003510 , L0003511 , L0003512 , L0003513 ,
L0003516 , L0003522	, L0003517 , L0003523	, L0003518 , L0003519 , L0003520 , L0003521 ,
L0003524 , L0003530	, L0003525 , L0003531	, L0003526 , L0003527 , L0003528 , L0003529 ,

L0003532 , L0003533 , L0003534 , L0003535 , L0003536 , L0003537
 , L0003538 , L0003539 ,
 L0003540 , L0003541 , L0003542 , L0003543 , L0003544 , L0003545
 , L0003546 , L0003547 ,
 L0003548 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553
 , L0003554 , L0003555 ,
 L0003556 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561
 , L0003562 , L0003563 ,
 L0003564 , L0003565 , L0003566 , L0003567 , L0003568 , L0003569
 , L0003570 , L0003571 ,

*** AERMOD - VERSION 21112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
 Commerce\14616 Op *** 01/12/22

*** AERMET - VERSION 16216 ***

*** 16:01:17

PAGE 25

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(482903.9, 3733274.3, 435.0, 435.0, 0.0); (483004.9,
 3733280.9, 435.0, 435.0, 0.0);
 (483243.6, 3733236.0, 436.0, 436.0, 0.0); (483264.6,
 3733407.7, 436.0, 436.0, 0.0);
 (483238.7, 3733517.3, 436.0, 436.0, 0.0); (483265.1,
 3733637.7, 436.0, 436.0, 0.0);
 (483303.1, 3733611.0, 436.0, 436.0, 0.0); (483302.9,
 3733641.9, 436.0, 436.0, 0.0);
 (483384.3, 3733572.8, 436.0, 436.0, 0.0); (483423.9,
 3733572.6, 436.0, 436.0, 0.0);
 (483498.5, 3733572.2, 437.0, 437.0, 0.0); (483293.6,
 3733687.6, 436.0, 436.0, 0.0);
 (483365.6, 3733684.5, 436.0, 436.0, 0.0); (483402.7,
 3733683.6, 437.0, 437.0, 0.0);
 (483502.6, 3733682.4, 437.0, 437.0, 0.0); (483564.9,
 3733686.7, 437.0, 437.0, 0.0);
 (483600.1, 3733682.9, 437.4, 437.4, 0.0); (483638.3,
 3733683.8, 438.0, 438.0, 0.0);
 (483700.0, 3733613.7, 438.0, 438.0, 0.0); (483700.0,
 3733575.3, 438.0, 438.0, 0.0);
 (484004.2, 3733371.8, 439.0, 439.0, 0.0); (483716.1,
 3733033.8, 437.5, 437.5, 0.0);
 (483692.6, 3732866.7, 437.0, 437.0, 0.0); (483596.0,
 3732864.7, 437.0, 437.0, 0.0);
 (482869.2, 3732844.8, 435.0, 435.0, 0.0); (482856.2,
 3733633.6, 435.0, 435.0, 0.0);
 (482951.7, 3733649.7, 435.0, 435.0, 0.0); (483091.5,
 3733653.1, 435.0, 435.0, 0.0);
 (483130.9, 3733647.6, 435.0, 435.0, 0.0); (483162.7,
 3733571.4, 435.1, 435.1, 0.0);
 (483749.7, 3733682.6, 438.0, 438.0, 0.0); (483789.0,
 3733683.1, 438.0, 438.0, 0.0);
 (483201.7, 3733934.3, 436.0, 436.0, 0.0); (484158.8,
 3733885.1, 441.5, 441.5, 0.0);
 (484124.8, 3733942.3, 441.2, 441.2, 0.0); (484180.6,
 3733886.5, 442.0, 442.0, 0.0);
 (484147.0, 3733304.5, 439.9, 439.9, 0.0); (484147.5,
 3733236.7, 439.0, 439.0, 0.0);
 (484135.8, 3733207.9, 439.0, 439.0, 0.0); (484136.3,

Year: 2010

Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD				HT	REF	TA	HT										
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
335.				9.1	282.5	5.5											
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
142.				9.1	280.9	5.5											
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
324.				9.1	280.4	5.5											
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40		
294.				9.1	278.8	5.5											
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90		
205.				9.1	278.1	5.5											
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00			
0.40				3.	9.1	277.0	5.5										
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30		
99.				9.1	277.0	5.5											
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90		
319.				9.1	278.8	5.5											
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90		
239.				9.1	284.2	5.5											
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40		
188.				9.1	289.2	5.5											
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70		
310.				9.1	290.9	5.5											
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20		
357.				9.1	293.1	5.5											
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20		
356.				9.1	293.8	5.5											
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20		
50.				9.1	294.2	5.5											
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80		
53.				9.1	293.8	5.5											
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80		
11.				9.1	292.5	5.5											
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90		
351.				9.1	290.4	5.5											
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
186.				9.1	287.5	5.5											
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90		
275.				9.1	285.9	5.5											
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40		
181.				9.1	285.4	5.5											
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30		
318.				9.1	284.9	5.5											
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
196.				9.1	283.1	5.5											
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90		
330.				9.1	281.4	5.5											
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30		
332.				9.1	280.9	5.5											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	5.5	0	-999.	-99.00	282.6	99.0	-99.00	-99.00
10	01	01	01	9.1	1	335.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002980 , L0002981 , L0002982 , L0002983 , L0002984 , L0002985 , L0002986 , L0002987 , L0002988 , L0002989 , L0002990 , L0002991 , L0002992 , L0002993 , L0002994 , L0002995 , L0002996 , L0002997 , L0002998 , L0002999 , L0003000 , L0003001 , L0003002 , L0003003 , L0003004 , L0003005 , L0003006 , L0003007 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Table with 5 columns: X-COORD (M), Y-COORD (M), CONC, X-COORD (M), Y-COORD (M). Header includes ** CONC OF DPM IN MICROGRAMS/M**3. Data rows list coordinates and concentration values.

3733403.01 0.00042
483322.14 3733573.71
0.00580

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 16:01:17

PAGE 29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5
YEARS ***

** CONC OF DPM IN **
MICROGRAMS/M**3

NETWORK

GROUP ID NETWORK
ZFLAG) OF TYPE GRID-ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,

ALL 1ST HIGHEST VALUE IS 0.00638 AT (483384.31, 3733572.78, 436.00,
436.00, 0.00) DC
2ND HIGHEST VALUE IS 0.00609 AT (483423.94, 3733572.60, 436.00,
436.00, 0.00) DC
3RD HIGHEST VALUE IS 0.00584 AT (483498.55, 3733572.25, 437.00,
437.00, 0.00) DC
4TH HIGHEST VALUE IS 0.00580 AT (483322.14, 3733573.71, 436.00,
436.00, 0.00) DC
5TH HIGHEST VALUE IS 0.00515 AT (483243.59, 3733236.03, 436.00,
436.00, 0.00) DC
6TH HIGHEST VALUE IS 0.00499 AT (483264.59, 3733407.72, 436.00,
436.00, 0.00) DC
7TH HIGHEST VALUE IS 0.00452 AT (483303.12, 3733611.03, 436.00,
436.00, 0.00) DC
8TH HIGHEST VALUE IS 0.00452 AT (483265.08, 3733637.70, 436.00,
436.00, 0.00) DC
9TH HIGHEST VALUE IS 0.00422 AT (483302.88, 3733641.90, 436.00,
436.00, 0.00) DC
10TH HIGHEST VALUE IS 0.00380 AT (483091.53, 3733653.10, 435.00,
435.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14616 Menifee
Commerce\14616 Op *** 01/12/22
*** AERMET - VERSION 16216 ***
*** 16:01:17

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)

A Total of 2028 Informational Message(s)
A Total of 43824 Hours Were Processed
A Total of 978 Calm Hours Identified
A Total of 1050 Missing Hours Identified (2.40 Percent)

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

***** WARNING MESSAGES *****
ME W186 1483 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1483 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

*** AERMOD Finishes Successfully ***

This page intentionally left blank

APPENDIX 2.8:
RISK CALCULATIONS

Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Construction Activity (Onsite)

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**										
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)	
	1	0.01662			1.66E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-05	3.2E-06	5.0E+00	1.4E-03	3.3E-03					
2	0.02172	2.17E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-05	4.2E-06	5.0E+00	1.4E-03	4.3E-03								
3	0.02393	2.39E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-05	4.6E-06	5.0E+00	1.4E-03	4.8E-03								
4	0.02855	2.86E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-05	5.5E-06	5.0E+00	1.4E-03	5.7E-03								
5	0.01501	1.50E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-05	2.9E-06	5.0E+00	1.4E-03	3.0E-03								
6	0.01875	1.88E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-05	3.6E-06	5.0E+00	1.4E-03	3.8E-03								
7	0.02029	2.03E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-05	3.9E-06	5.0E+00	1.4E-03	4.1E-03								
8	0.01758	1.76E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-05	3.4E-06	5.0E+00	1.4E-03	3.5E-03								
9	0.02792	2.79E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-05	5.4E-06	5.0E+00	1.4E-03	5.6E-03								
10	0.02977	2.98E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-05	5.7E-06	5.0E+00	1.4E-03	6.0E-03								
11	0.03038	3.04E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-05	5.8E-06	5.0E+00	1.4E-03	6.1E-03								
12	0.01182	1.18E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.2E-06	2.3E-06	5.0E+00	1.4E-03	2.4E-03								
13	0.00881	8.81E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.8E-06	1.7E-06	5.0E+00	1.4E-03	1.8E-03								
14	0.00900	9.00E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.0E-06	1.7E-06	5.0E+00	1.4E-03	1.8E-03								
15	0.00915	9.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.1E-06	1.8E-06	5.0E+00	1.4E-03	1.8E-03								
16	0.00828	8.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.4E-06	1.6E-06	5.0E+00	1.4E-03	1.7E-03								
17	0.00792	7.92E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.1E-06	1.5E-06	5.0E+00	1.4E-03	1.6E-03								
18	0.00705	7.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.5E-06	1.4E-06	5.0E+00	1.4E-03	1.4E-03								
19	0.00848	8.48E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.6E-06	1.6E-06	5.0E+00	1.4E-03	1.7E-03								
20	0.01128	1.13E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.8E-06	2.2E-06	5.0E+00	1.4E-03	2.3E-03								
21	0.00237	2.37E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	4.6E-07	5.0E+00	1.4E-03	4.7E-04								
22	0.01763	1.76E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-05	3.4E-06	5.0E+00	1.4E-03	3.5E-03								
23	0.00919	9.19E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.1E-06	1.8E-06	5.0E+00	1.4E-03	1.8E-03								
24	0.01068	1.07E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-06	2.1E-06	5.0E+00	1.4E-03	2.1E-03								
25	0.00500	5.00E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-06	9.6E-07	5.0E+00	1.4E-03	1.0E-03								
26	0.00700	7.00E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-06	1.3E-06	5.0E+00	1.4E-03	1.4E-03								
27	0.01074	1.07E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-06	2.1E-06	5.0E+00	1.4E-03	2.1E-03								
28	0.01316	1.32E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-05	2.5E-06	5.0E+00	1.4E-03	2.6E-03								
29	0.01182	1.18E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.2E-06	2.3E-06	5.0E+00	1.4E-03	2.4E-03								
30	0.00774	7.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.0E-06	1.5E-06	5.0E+00	1.4E-03	1.5E-03								
31	0.00450	4.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.5E-06	8.6E-07	5.0E+00	1.4E-03	9.0E-04								
32	0.00378	3.78E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-06	7.3E-07	5.0E+00	1.4E-03	7.6E-04								
33	0.00247	2.47E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	4.7E-07	5.0E+00	1.4E-03	4.9E-04								
34	0.00101	1.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.8E-07	1.9E-07	5.0E+00	1.4E-03	2.0E-04								
35	0.00102	1.02E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-07	2.0E-07	5.0E+00	1.4E-03	2.0E-04								
36	0.00097	9.70E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	1.9E-07	5.0E+00	1.4E-03	1.9E-04								
37	0.00151	1.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	2.9E-07	5.0E+00	1.4E-03	3.0E-04								
38	0.00157	1.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	3.0E-07	5.0E+00	1.4E-03	3.1E-04								
39	0.00165	1.65E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	3.2E-07	5.0E+00	1.4E-03	3.3E-04								
40	0.00170	1.70E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	3.3E-07	5.0E+00	1.4E-03	3.4E-04								
41	0.00113	1.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.8E-07	2.2E-07	5.0E+00	1.4E-03	2.3E-04								
42	0.00111	1.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.6E-07	2.1E-07	5.0E+00	1.4E-03	2.2E-04								
43	0.02420	2.42E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-05	4.6E-06	5.0E+00	1.4E-03	4.8E-03								
MAXIMUM					5.8E-06				6.1E-03			0.0E+00		0.0E+00		0.0E+00		0.0E+00	

5.83

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	260
exposure duration (years)	1.94
inhalation rate (L/kg-day)	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (0 to 2 years old)	10

Table 2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Construction Activity (Offsite)

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
1	0.02319	2.32E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-06	1.7E-07	5.0E+00	1.4E-03	4.6E-03							
2	0.00459	4.59E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	3.5E-08	5.0E+00	1.4E-03	9.2E-04							
3	0.00624	6.24E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	4.7E-08	5.0E+00	1.4E-03	1.2E-03							
4	0.01163	1.16E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-06	8.8E-08	5.0E+00	1.4E-03	2.3E-03							
5	0.00690	6.90E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	5.2E-08	5.0E+00	1.4E-03	1.4E-03							
6	0.02210	2.21E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-06	1.7E-07	5.0E+00	1.4E-03	4.4E-03							
7	0.01608	1.61E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.1E-06	1.2E-07	5.0E+00	1.4E-03	3.2E-03							
8	0.02074	2.07E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-06	1.6E-07	5.0E+00	1.4E-03	4.1E-03							
9	0.00481	4.81E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	3.6E-08	5.0E+00	1.4E-03	9.6E-04							
10	0.00426	4.26E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.2E-08	5.0E+00	1.4E-03	8.5E-04							
11	0.00416	4.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.1E-08	5.0E+00	1.4E-03	8.3E-04							
12	0.02008	2.01E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-06	1.5E-07	5.0E+00	1.4E-03	4.0E-03							
13	0.01706	1.71E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.3E-06	1.3E-07	5.0E+00	1.4E-03	3.4E-03							
14	0.01727	1.73E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-06	1.3E-07	5.0E+00	1.4E-03	3.5E-03							
15	0.01790	1.79E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.5E-06	1.3E-07	5.0E+00	1.4E-03	3.6E-03							
16	0.01397	1.40E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.5E-06	1.1E-07	5.0E+00	1.4E-03	2.8E-03							
17	0.01760	1.76E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.5E-06	1.3E-07	5.0E+00	1.4E-03	3.5E-03							
18	0.01781	1.78E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.5E-06	1.3E-07	5.0E+00	1.4E-03	3.6E-03							
19	0.04612	4.61E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-05	3.5E-07	5.0E+00	1.4E-03	9.2E-03							
20	0.04721	4.72E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-05	3.6E-07	5.0E+00	1.4E-03	9.4E-03							
21	0.00129	1.29E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-07	9.7E-09	5.0E+00	1.4E-03	2.6E-04							
22	0.02112	2.11E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-06	1.6E-07	5.0E+00	1.4E-03	4.2E-03							
23	0.03632	3.63E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.2E-06	2.7E-07	5.0E+00	1.4E-03	7.3E-03							
24	0.04048	4.05E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-05	3.1E-07	5.0E+00	1.4E-03	8.1E-03							
25	0.01005	1.01E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-06	7.6E-08	5.0E+00	1.4E-03	2.0E-03							
26	0.03097	3.10E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-06	2.3E-07	5.0E+00	1.4E-03	6.2E-03							
27	0.02489	2.49E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.3E-06	1.9E-07	5.0E+00	1.4E-03	5.0E-03							
28	0.02732	2.73E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.9E-06	2.1E-07	5.0E+00	1.4E-03	5.5E-03							
29	0.02164	2.16E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.5E-06	1.6E-07	5.0E+00	1.4E-03	4.3E-03							
30	0.00585	5.85E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	4.4E-08	5.0E+00	1.4E-03	1.2E-03							
31	0.01766	1.77E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.5E-06	1.3E-07	5.0E+00	1.4E-03	3.5E-03							
32	0.01593	1.59E-05	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.0E-06	1.2E-07	5.0E+00	1.4E-03	3.2E-03							
33	0.00141	1.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.6E-07	1.1E-08	5.0E+00	1.4E-03	2.8E-04							
34	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	4.1E-09	5.0E+00	1.4E-03	1.1E-04							
35	0.00054	5.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	4.1E-09	5.0E+00	1.4E-03	1.1E-04							
36	0.00052	5.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	3.9E-09	5.0E+00	1.4E-03	1.0E-04							
37	0.00078	7.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-07	5.9E-09	5.0E+00	1.4E-03	1.6E-04							
38	0.00076	7.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	5.7E-09	5.0E+00	1.4E-03	1.5E-04							
39	0.00077	7.70E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-07	5.8E-09	5.0E+00	1.4E-03	1.5E-04							
40	0.00076	7.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	5.7E-09	5.0E+00	1.4E-03	1.5E-04							
41	0.00059	5.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-07	4.4E-09	5.0E+00	1.4E-03	1.2E-04							
42	0.00059	5.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-07	4.4E-09	5.0E+00	1.4E-03	1.2E-04							
43	0.00899	8.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	6.8E-08	5.0E+00	1.4E-03	1.8E-03							
MAXIMUM								3.6E-07		9.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.36

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 85
 exposure duration (years) 0.23
 inhalation rate (L/kg-day) 1090
 inhalation absorption factor 1
 averaging time (years) 70
 fraction of time at home 0.85
 age sensitivity factor (0 to 2 years old) 10

Onsite and Offsite Construction Risk

Receptor	Onsite Construction Risk	Offsite Construction Risk	Total Risk
1	3.19E-06	1.75E-07	3.37E-06
2	4.17E-06	3.46E-08	4.21E-06
3	4.60E-06	4.70E-08	4.64E-06
4	5.48E-06	8.77E-08	5.57E-06
5	2.88E-06	5.20E-08	2.93E-06
6	3.60E-06	1.67E-07	3.77E-06
7	3.90E-06	1.21E-07	4.02E-06
8	3.38E-06	1.56E-07	3.53E-06
9	5.36E-06	3.63E-08	5.40E-06
10	5.72E-06	3.21E-08	5.75E-06
11	5.83E-06	3.14E-08	5.87E-06
12	2.27E-06	1.51E-07	2.42E-06
13	1.69E-06	1.29E-07	1.82E-06
14	1.73E-06	1.30E-07	1.86E-06
15	1.76E-06	1.35E-07	1.89E-06
16	1.59E-06	1.05E-07	1.70E-06
17	1.52E-06	1.33E-07	1.65E-06
18	1.35E-06	1.34E-07	1.49E-06
19	1.63E-06	3.48E-07	1.98E-06
20	2.17E-06	3.56E-07	2.52E-06
21	4.55E-07	9.72E-09	4.65E-07
22	3.39E-06	1.59E-07	3.54E-06
23	1.76E-06	2.74E-07	2.04E-06
24	2.05E-06	3.05E-07	2.36E-06
25	9.60E-07	7.57E-08	1.04E-06
26	1.34E-06	2.33E-07	1.58E-06
27	2.06E-06	1.88E-07	2.25E-06
28	2.53E-06	2.06E-07	2.73E-06
29	2.27E-06	1.63E-07	2.43E-06
30	1.49E-06	4.41E-08	1.53E-06
31	8.64E-07	1.33E-07	9.97E-07
32	7.26E-07	1.20E-07	8.46E-07
33	4.74E-07	1.06E-08	4.85E-07
34	1.94E-07	4.15E-09	1.98E-07
35	1.96E-07	4.07E-09	2.00E-07
36	1.86E-07	3.92E-09	1.90E-07
37	2.90E-07	5.88E-09	2.96E-07
38	3.01E-07	5.73E-09	3.07E-07
39	3.17E-07	5.80E-09	3.23E-07
40	3.26E-07	5.73E-09	3.32E-07
41	2.17E-07	4.45E-09	2.21E-07
42	2.13E-07	4.45E-09	2.18E-07
43	4.65E-06	6.78E-08	4.71E-06

Maximum: 5.87E-06
5.87

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario - Scenario 1

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
									(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.8E-07	5.0E+00	1.4E-03	4.1E-04							
2	0.00306	3.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.2E-07	5.0E+00	1.4E-03	6.1E-04							
3	0.00482	4.82E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-06	1.1E-06	5.0E+00	1.4E-03	9.6E-04							
4	0.00457	4.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	1.1E-06	5.0E+00	1.4E-03	9.1E-04							
5	0.00301	3.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.1E-07	5.0E+00	1.4E-03	6.0E-04							
6	0.00414	4.14E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	9.7E-07	5.0E+00	1.4E-03	8.3E-04							
7	0.00411	4.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	9.7E-07	5.0E+00	1.4E-03	8.2E-04							
8	0.00384	3.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	9.0E-07	5.0E+00	1.4E-03	7.7E-04							
9	0.00558	5.58E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-06	1.3E-06	5.0E+00	1.4E-03	1.1E-03							
10	0.00532	5.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-06	1.3E-06	5.0E+00	1.4E-03	1.1E-03							
11	0.00508	5.08E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-06	1.2E-06	5.0E+00	1.4E-03	1.0E-03							
12	0.00297	2.97E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	7.0E-07	5.0E+00	1.4E-03	5.9E-04							
13	0.00222	2.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.2E-07	5.0E+00	1.4E-03	4.4E-04							
14	0.00216	2.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.1E-07	5.0E+00	1.4E-03	4.3E-04							
15	0.00204	2.04E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.8E-07	5.0E+00	1.4E-03	4.1E-04							
16	0.00184	1.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	4.3E-07	5.0E+00	1.4E-03	3.7E-04							
17	0.00186	1.86E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	4.4E-07	5.0E+00	1.4E-03	3.7E-04							
18	0.00174	1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-07	4.1E-07	5.0E+00	1.4E-03	3.5E-04							
19	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.8E-07	5.0E+00	1.4E-03	4.1E-04							
20	0.00241	2.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.7E-07	5.0E+00	1.4E-03	4.8E-04							
21	0.00071	7.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	1.7E-07	5.0E+00	1.4E-03	1.4E-04							
22	0.00251	2.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	5.9E-07	5.0E+00	1.4E-03	5.0E-04							
23	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.6E-07	2.8E-07	5.0E+00	1.4E-03	2.4E-04							
24	0.00139	1.39E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.6E-07	3.3E-07	5.0E+00	1.4E-03	2.8E-04							
25	0.00094	9.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	2.2E-07	5.0E+00	1.4E-03	1.9E-04							
26	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.0E-07	5.0E+00	1.4E-03	4.2E-04							
27	0.00298	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	7.0E-07	5.0E+00	1.4E-03	6.0E-04							
28	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	8.2E-07	5.0E+00	1.4E-03	7.0E-04							
29	0.00316	3.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.4E-07	5.0E+00	1.4E-03	6.3E-04							
30	0.00206	2.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.8E-07	5.0E+00	1.4E-03	4.1E-04							
31	0.00107	1.07E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-07	2.5E-07	5.0E+00	1.4E-03	2.1E-04							
32	0.00093	9.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	2.2E-07	5.0E+00	1.4E-03	1.9E-04							
33	0.00072	7.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	1.7E-07	5.0E+00	1.4E-03	1.4E-04							
34	0.00031	3.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-07	7.3E-08	5.0E+00	1.4E-03	6.2E-05							
35	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-07	7.1E-08	5.0E+00	1.4E-03	6.0E-05							
36	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-07	7.1E-08	5.0E+00	1.4E-03	6.0E-05							
37	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	9.8E-05							
38	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	9.8E-05							
39	0.00050	5.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	1.0E-04							
40	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	9.8E-05							
41	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	8.9E-08	5.0E+00	1.4E-03	7.6E-05							
42	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	8.9E-08	5.0E+00	1.4E-03	7.6E-05							
43	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-06	1.2E-06	5.0E+00	1.4E-03	1.0E-03							
MAXIMUM								1.3E-06		1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
 exposure duration (years) 13.23
 inhalation rate (L/kg-day) 572
 inhalation absorption factor 1
 averaging time (years) 70
 fraction of time at home 0.72
 age sensitivity factor (ages 2 to 16 years old) 3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario - Scenario 1

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
									(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	7.9E-08	5.0E+00	1.4E-03	4.1E-04							
2	0.00306	3.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.7E-07	1.2E-07	5.0E+00	1.4E-03	6.1E-04							
3	0.00482	4.82E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	1.8E-07	5.0E+00	1.4E-03	9.6E-04							
4	0.00457	4.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.8E-07	5.0E+00	1.4E-03	9.1E-04							
5	0.00301	3.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	1.2E-07	5.0E+00	1.4E-03	6.0E-04							
6	0.00414	4.14E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	1.6E-07	5.0E+00	1.4E-03	8.3E-04							
7	0.00411	4.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	1.6E-07	5.0E+00	1.4E-03	8.2E-04							
8	0.00384	3.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.6E-07	1.5E-07	5.0E+00	1.4E-03	7.7E-04							
9	0.00558	5.58E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	2.1E-07	5.0E+00	1.4E-03	1.1E-03							
10	0.00532	5.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	2.0E-07	5.0E+00	1.4E-03	1.1E-03							
11	0.00508	5.08E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	1.9E-07	5.0E+00	1.4E-03	1.0E-03							
12	0.00297	2.97E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.4E-07	1.1E-07	5.0E+00	1.4E-03	5.9E-04							
13	0.00222	2.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-07	8.5E-08	5.0E+00	1.4E-03	4.4E-04							
14	0.00216	2.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-07	8.3E-08	5.0E+00	1.4E-03	4.3E-04							
15	0.00204	2.04E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	7.8E-08	5.0E+00	1.4E-03	4.1E-04							
16	0.00184	1.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.6E-07	7.1E-08	5.0E+00	1.4E-03	3.7E-04							
17	0.00186	1.86E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.7E-07	7.1E-08	5.0E+00	1.4E-03	3.7E-04							
18	0.00174	1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-07	6.7E-08	5.0E+00	1.4E-03	3.5E-04							
19	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	7.9E-08	5.0E+00	1.4E-03	4.1E-04							
20	0.00241	2.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.0E-07	9.2E-08	5.0E+00	1.4E-03	4.8E-04							
21	0.00071	7.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	2.7E-08	5.0E+00	1.4E-03	1.4E-04							
22	0.00251	2.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.3E-07	9.6E-08	5.0E+00	1.4E-03	5.0E-04							
23	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	4.6E-08	5.0E+00	1.4E-03	2.4E-04							
24	0.00139	1.39E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.5E-07	5.3E-08	5.0E+00	1.4E-03	2.8E-04							
25	0.00094	9.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-07	3.6E-08	5.0E+00	1.4E-03	1.9E-04							
26	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	8.1E-08	5.0E+00	1.4E-03	4.2E-04							
27	0.00298	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	1.1E-07	5.0E+00	1.4E-03	6.0E-04							
28	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.8E-07	1.3E-07	5.0E+00	1.4E-03	7.0E-04							
29	0.00316	3.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-07	1.2E-07	5.0E+00	1.4E-03	6.3E-04							
30	0.00206	2.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	7.9E-08	5.0E+00	1.4E-03	4.1E-04							
31	0.00107	1.07E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	4.1E-08	5.0E+00	1.4E-03	2.1E-04							
32	0.00093	9.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-07	3.6E-08	5.0E+00	1.4E-03	1.9E-04							
33	0.00072	7.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	2.8E-08	5.0E+00	1.4E-03	1.4E-04							
34	0.00031	3.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.8E-08	1.2E-08	5.0E+00	1.4E-03	6.2E-05							
35	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-08	1.2E-08	5.0E+00	1.4E-03	6.0E-05							
36	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-08	1.2E-08	5.0E+00	1.4E-03	6.0E-05							
37	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	1.9E-08	5.0E+00	1.4E-03	9.8E-05							
38	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	1.9E-08	5.0E+00	1.4E-03	9.8E-05							
39	0.00050	5.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	1.9E-08	5.0E+00	1.4E-03	1.0E-04							
40	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	1.9E-08	5.0E+00	1.4E-03	9.8E-05							
41	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-08	1.5E-08	5.0E+00	1.4E-03	7.6E-05							
42	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-08	1.5E-08	5.0E+00	1.4E-03	7.6E-05							
43	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	2.0E-07	5.0E+00	1.4E-03	1.0E-03							
MAXIMUM								2.1E-07		1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.21

** Key to Toxicological Endpoints

- RESP Respiratory System
- CNS/PNS Central/Peripheral Nervous System
- CV/BL Cardiovascular/Blood System
- IMMUN Immune System
- KIDN Kidney
- GI/LV Gastrointestinal System/Liver
- REPRO Reproductive System (e.g. teratogenic and developmental effects)
- EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day)	261
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.73
age sensitivity factor (ages 16 to 30 years old)	1

Scenario 1 Cumulative Risk

Receptor	Onsite Construction Risk	Offsite Construction Risk	2-16 Age Bin Risk	16 to 30 Age Bin Risk	Total Risk
1	3.19E-06	1.75E-07	4.82E-07	7.87E-08	3.93E-06
2	4.17E-06	3.46E-08	7.19E-07	1.17E-07	5.04E-06
3	4.60E-06	4.70E-08	1.13E-06	1.85E-07	5.96E-06
4	5.48E-06	8.77E-08	1.07E-06	1.75E-07	6.82E-06
5	2.88E-06	5.20E-08	7.08E-07	1.15E-07	3.76E-06
6	3.60E-06	1.67E-07	9.73E-07	1.59E-07	4.90E-06
7	3.90E-06	1.21E-07	9.66E-07	1.58E-07	5.14E-06
8	3.38E-06	1.56E-07	9.03E-07	1.47E-07	4.58E-06
9	5.36E-06	3.63E-08	1.31E-06	2.14E-07	6.92E-06
10	5.72E-06	3.21E-08	1.25E-06	2.04E-07	7.20E-06
11	5.83E-06	3.14E-08	1.19E-06	1.95E-07	7.25E-06
12	2.27E-06	1.51E-07	6.98E-07	1.14E-07	3.23E-06
13	1.69E-06	1.29E-07	5.22E-07	8.52E-08	2.43E-06
14	1.73E-06	1.30E-07	5.08E-07	8.29E-08	2.45E-06
15	1.76E-06	1.35E-07	4.80E-07	7.83E-08	2.45E-06
16	1.59E-06	1.05E-07	4.33E-07	7.06E-08	2.20E-06
17	1.52E-06	1.33E-07	4.37E-07	7.14E-08	2.16E-06
18	1.35E-06	1.34E-07	4.09E-07	6.68E-08	1.96E-06
19	1.63E-06	3.48E-07	4.82E-07	7.87E-08	2.54E-06
20	2.17E-06	3.56E-07	5.67E-07	9.25E-08	3.18E-06
21	4.55E-07	9.72E-09	1.67E-07	2.72E-08	6.59E-07
22	3.39E-06	1.59E-07	5.90E-07	9.63E-08	4.23E-06
23	1.76E-06	2.74E-07	2.84E-07	4.64E-08	2.37E-06
24	2.05E-06	3.05E-07	3.27E-07	5.33E-08	2.74E-06
25	9.60E-07	7.57E-08	2.21E-07	3.61E-08	1.29E-06
26	1.34E-06	2.33E-07	4.98E-07	8.13E-08	2.16E-06
27	2.06E-06	1.88E-07	7.01E-07	1.14E-07	3.06E-06
28	2.53E-06	2.06E-07	8.23E-07	1.34E-07	3.69E-06
29	2.27E-06	1.63E-07	7.43E-07	1.21E-07	3.30E-06
30	1.49E-06	4.41E-08	4.84E-07	7.90E-08	2.09E-06
31	8.64E-07	1.33E-07	2.52E-07	4.11E-08	1.29E-06
32	7.26E-07	1.20E-07	2.19E-07	3.57E-08	1.10E-06
33	4.74E-07	1.06E-08	1.69E-07	2.76E-08	6.82E-07
34	1.94E-07	4.15E-09	7.29E-08	1.19E-08	2.83E-07
35	1.96E-07	4.07E-09	7.05E-08	1.15E-08	2.82E-07
36	1.86E-07	3.92E-09	7.05E-08	1.15E-08	2.72E-07
37	2.90E-07	5.88E-09	1.15E-07	1.88E-08	4.30E-07
38	3.01E-07	5.73E-09	1.15E-07	1.88E-08	4.41E-07
39	3.17E-07	5.80E-09	1.18E-07	1.92E-08	4.59E-07
40	3.26E-07	5.73E-09	1.15E-07	1.88E-08	4.66E-07
41	2.17E-07	4.45E-09	8.93E-08	1.46E-08	3.25E-07
42	2.13E-07	4.45E-09	8.93E-08	1.46E-08	3.22E-07
43	4.65E-06	6.78E-08	1.21E-06	1.98E-07	6.12E-06

Maximum: 7.25E-06
7.25

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario - Scenario 2

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
									(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00213	2.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.0E-07	5.0E+00	1.4E-03	4.3E-04							
2	0.00315	3.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.4E-07	5.0E+00	1.4E-03	6.3E-04							
3	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-06	1.2E-06	5.0E+00	1.4E-03	1.0E-03							
4	0.00499	4.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-06	1.2E-06	5.0E+00	1.4E-03	1.0E-03							
5	0.00330	3.30E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	7.8E-07	5.0E+00	1.4E-03	6.6E-04							
6	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	1.1E-06	5.0E+00	1.4E-03	9.0E-04							
7	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	1.1E-06	5.0E+00	1.4E-03	9.0E-04							
8	0.00422	4.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	9.9E-07	5.0E+00	1.4E-03	8.4E-04							
9	0.00638	6.38E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.5E-06	1.5E-06	5.0E+00	1.4E-03	1.3E-03							
10	0.00609	6.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-06	1.4E-06	5.0E+00	1.4E-03	1.2E-03							
11	0.00584	5.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-06	1.4E-06	5.0E+00	1.4E-03	1.2E-03							
12	0.00327	3.27E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	7.7E-07	5.0E+00	1.4E-03	6.5E-04							
13	0.00250	2.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	5.9E-07	5.0E+00	1.4E-03	5.0E-04							
14	0.00243	2.43E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.7E-07	5.0E+00	1.4E-03	4.9E-04							
15	0.00232	2.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.5E-07	5.0E+00	1.4E-03	4.6E-04							
16	0.00209	2.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.9E-07	5.0E+00	1.4E-03	4.2E-04							
17	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.0E-07	5.0E+00	1.4E-03	4.2E-04							
18	0.00199	1.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	4.7E-07	5.0E+00	1.4E-03	4.0E-04							
19	0.00234	2.34E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.5E-07	5.0E+00	1.4E-03	4.7E-04							
20	0.00276	2.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	6.5E-07	5.0E+00	1.4E-03	5.5E-04							
21	0.00080	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-07	1.9E-07	5.0E+00	1.4E-03	1.6E-04							
22	0.00287	2.87E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	6.7E-07	5.0E+00	1.4E-03	5.7E-04							
23	0.00136	1.36E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	3.2E-07	5.0E+00	1.4E-03	2.7E-04							
24	0.00156	1.56E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.6E-07	3.7E-07	5.0E+00	1.4E-03	3.1E-04							
25	0.00098	9.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-07	2.3E-07	5.0E+00	1.4E-03	2.0E-04							
26	0.00228	2.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.4E-07	5.0E+00	1.4E-03	4.6E-04							
27	0.00322	3.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	7.6E-07	5.0E+00	1.4E-03	6.4E-04							
28	0.00380	3.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	8.9E-07	5.0E+00	1.4E-03	7.6E-04							
29	0.00344	3.44E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	8.1E-07	5.0E+00	1.4E-03	6.9E-04							
30	0.00225	2.25E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.3E-07	5.0E+00	1.4E-03	4.5E-04							
31	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.6E-07	2.8E-07	5.0E+00	1.4E-03	2.4E-04							
32	0.00105	1.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.8E-07	2.5E-07	5.0E+00	1.4E-03	2.1E-04							
33	0.00079	7.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.3E-07	1.9E-07	5.0E+00	1.4E-03	1.6E-04							
34	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	8.0E-08	5.0E+00	1.4E-03	6.8E-05							
35	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	8.0E-08	5.0E+00	1.4E-03	6.8E-05							
36	0.00033	3.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	7.8E-08	5.0E+00	1.4E-03	6.6E-05							
37	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.3E-07	5.0E+00	1.4E-03	1.1E-04							
38	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.3E-07	5.0E+00	1.4E-03	1.1E-04							
39	0.00056	5.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-07	1.3E-07	5.0E+00	1.4E-03	1.1E-04							
40	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.3E-07	5.0E+00	1.4E-03	1.1E-04							
41	0.00043	4.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-07	1.0E-07	5.0E+00	1.4E-03	8.6E-05							
42	0.00042	4.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-07	9.9E-08	5.0E+00	1.4E-03	8.4E-05							
43	0.00580	5.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-06	1.4E-06	5.0E+00	1.4E-03	1.2E-03							
MAXIMUM								1.5E-06		1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

1.50

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	13.23
inhalation rate (L/kg-day)	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72
age sensitivity factor (ages 2 to 16 years old)	3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario - Scenario 2

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	1	0.00213			2.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	8.2E-08	5.0E+00	1.4E-03	4.3E-04				
2	0.00315	3.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-07	1.2E-07	5.0E+00	1.4E-03	6.3E-04							
3	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	2.0E-07	5.0E+00	1.4E-03	1.0E-03							
4	0.00499	4.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	1.9E-07	5.0E+00	1.4E-03	1.0E-03							
5	0.00330	3.30E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-07	1.3E-07	5.0E+00	1.4E-03	6.6E-04							
6	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.7E-07	5.0E+00	1.4E-03	9.0E-04							
7	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.7E-07	5.0E+00	1.4E-03	9.0E-04							
8	0.00422	4.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.6E-07	5.0E+00	1.4E-03	8.4E-04							
9	0.00638	6.38E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	2.4E-07	5.0E+00	1.4E-03	1.3E-03							
10	0.00609	6.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	2.3E-07	5.0E+00	1.4E-03	1.2E-03							
11	0.00584	5.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	2.2E-07	5.0E+00	1.4E-03	1.2E-03							
12	0.00327	3.27E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.2E-07	1.3E-07	5.0E+00	1.4E-03	6.5E-04							
13	0.00250	2.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.3E-07	9.6E-08	5.0E+00	1.4E-03	5.0E-04							
14	0.00243	2.43E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.1E-07	9.3E-08	5.0E+00	1.4E-03	4.9E-04							
15	0.00232	2.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.8E-07	8.9E-08	5.0E+00	1.4E-03	4.6E-04							
16	0.00209	2.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	8.0E-08	5.0E+00	1.4E-03	4.2E-04							
17	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	8.1E-08	5.0E+00	1.4E-03	4.2E-04							
18	0.00199	1.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.0E-07	7.6E-08	5.0E+00	1.4E-03	4.0E-04							
19	0.00234	2.34E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-07	9.0E-08	5.0E+00	1.4E-03	4.7E-04							
20	0.00276	2.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.9E-07	1.1E-07	5.0E+00	1.4E-03	5.5E-04							
21	0.00080	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-07	3.1E-08	5.0E+00	1.4E-03	1.6E-04							
22	0.00287	2.87E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.2E-07	1.1E-07	5.0E+00	1.4E-03	5.7E-04							
23	0.00136	1.36E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-07	5.2E-08	5.0E+00	1.4E-03	2.7E-04							
24	0.00156	1.56E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	6.0E-08	5.0E+00	1.4E-03	3.1E-04							
25	0.00098	9.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-07	3.8E-08	5.0E+00	1.4E-03	2.0E-04							
26	0.00228	2.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.7E-07	8.7E-08	5.0E+00	1.4E-03	4.6E-04							
27	0.00322	3.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.1E-07	1.2E-07	5.0E+00	1.4E-03	6.4E-04							
28	0.00380	3.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-07	1.5E-07	5.0E+00	1.4E-03	7.6E-04							
29	0.00344	3.44E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.6E-07	1.3E-07	5.0E+00	1.4E-03	6.9E-04							
30	0.00225	2.25E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-07	8.6E-08	5.0E+00	1.4E-03	4.5E-04							
31	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	4.6E-08	5.0E+00	1.4E-03	2.4E-04							
32	0.00105	1.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-07	4.0E-08	5.0E+00	1.4E-03	2.1E-04							
33	0.00079	7.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-07	3.0E-08	5.0E+00	1.4E-03	1.6E-04							
34	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.5E-08	1.3E-08	5.0E+00	1.4E-03	6.8E-05							
35	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.5E-08	1.3E-08	5.0E+00	1.4E-03	6.8E-05							
36	0.00033	3.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-08	1.3E-08	5.0E+00	1.4E-03	6.6E-05							
37	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04							
38	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04							
39	0.00056	5.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04							
40	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04							
41	0.00043	4.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	1.6E-08	5.0E+00	1.4E-03	8.6E-05							
42	0.00042	4.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	1.6E-08	5.0E+00	1.4E-03	8.4E-05							
43	0.00580	5.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	2.2E-07	5.0E+00	1.4E-03	1.2E-03							
MAXIMUM								2.4E-07			1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.24

** Key to Toxicological Endpoints

RESP Respiratory System
CNS/PNS Central/Peripheral Nervous System
CV/BL Cardiovascular/Blood System
IMMUN Immune System
KIDN Kidney
GI/LV Gastrointestinal System/Liver
REPRO Reproductive System (e.g. teratogenic and developmental effects)
EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 14
inhalation rate (L/kg-day) 261
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.73
age sensitivity factor (ages 16 to 30 years old) 1

Scenario 2 Cumulative Risk

Receptor	Onsite Construction Risk	Offsite Construction Risk	2-16 Age Bin Risk	16 to 30 Age Bin Risk	Total Risk
1	3.19E-06	1.75E-07	5.01E-07	8.17E-08	3.95E-06
2	4.17E-06	3.46E-08	7.41E-07	1.21E-07	5.07E-06
3	4.60E-06	4.70E-08	1.21E-06	1.98E-07	6.05E-06
4	5.48E-06	8.77E-08	1.17E-06	1.91E-07	6.93E-06
5	2.88E-06	5.20E-08	7.76E-07	1.27E-07	3.84E-06
6	3.60E-06	1.67E-07	1.06E-06	1.73E-07	5.00E-06
7	3.90E-06	1.21E-07	1.06E-06	1.73E-07	5.25E-06
8	3.38E-06	1.56E-07	9.92E-07	1.62E-07	4.69E-06
9	5.36E-06	3.63E-08	1.50E-06	2.45E-07	7.14E-06
10	5.72E-06	3.21E-08	1.43E-06	2.34E-07	7.41E-06
11	5.83E-06	3.14E-08	1.37E-06	2.24E-07	7.46E-06
12	2.27E-06	1.51E-07	7.69E-07	1.25E-07	3.32E-06
13	1.69E-06	1.29E-07	5.88E-07	9.59E-08	2.50E-06
14	1.73E-06	1.30E-07	5.71E-07	9.32E-08	2.52E-06
15	1.76E-06	1.35E-07	5.45E-07	8.90E-08	2.53E-06
16	1.59E-06	1.05E-07	4.91E-07	8.02E-08	2.27E-06
17	1.52E-06	1.33E-07	4.98E-07	8.13E-08	2.23E-06
18	1.35E-06	1.34E-07	4.68E-07	7.64E-08	2.03E-06
19	1.63E-06	3.48E-07	5.50E-07	8.98E-08	2.62E-06
20	2.17E-06	3.56E-07	6.49E-07	1.06E-07	3.28E-06
21	4.55E-07	9.72E-09	1.88E-07	3.07E-08	6.84E-07
22	3.39E-06	1.59E-07	6.75E-07	1.10E-07	4.33E-06
23	1.76E-06	2.74E-07	3.20E-07	5.22E-08	2.41E-06
24	2.05E-06	3.05E-07	3.67E-07	5.99E-08	2.78E-06
25	9.60E-07	7.57E-08	2.30E-07	3.76E-08	1.30E-06
26	1.34E-06	2.33E-07	5.36E-07	8.75E-08	2.20E-06
27	2.06E-06	1.88E-07	7.57E-07	1.24E-07	3.13E-06
28	2.53E-06	2.06E-07	8.93E-07	1.46E-07	3.77E-06
29	2.27E-06	1.63E-07	8.09E-07	1.32E-07	3.37E-06
30	1.49E-06	4.41E-08	5.29E-07	8.63E-08	2.15E-06
31	8.64E-07	1.33E-07	2.84E-07	4.64E-08	1.33E-06
32	7.26E-07	1.20E-07	2.47E-07	4.03E-08	1.13E-06
33	4.74E-07	1.06E-08	1.86E-07	3.03E-08	7.01E-07
34	1.94E-07	4.15E-09	7.99E-08	1.30E-08	2.91E-07
35	1.96E-07	4.07E-09	7.99E-08	1.30E-08	2.93E-07
36	1.86E-07	3.92E-09	7.76E-08	1.27E-08	2.80E-07
37	2.90E-07	5.88E-09	1.29E-07	2.11E-08	4.46E-07
38	3.01E-07	5.73E-09	1.29E-07	2.11E-08	4.58E-07
39	3.17E-07	5.80E-09	1.32E-07	2.15E-08	4.76E-07
40	3.26E-07	5.73E-09	1.29E-07	2.11E-08	4.83E-07
41	2.17E-07	4.45E-09	1.01E-07	1.65E-08	3.39E-07
42	2.13E-07	4.45E-09	9.87E-08	1.61E-08	3.32E-07
43	4.65E-06	6.78E-08	1.36E-06	2.23E-07	6.30E-06

Maximum: 7.46E-06
7.46

Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
-0.25 to 0 Age Bin Exposure Scenario - Scenario 1

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
									(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.1E-07	2.3E-08	5.0E+00	1.4E-03	4.1E-04							
2	0.00306	3.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.4E-08	5.0E+00	1.4E-03	6.1E-04							
3	0.00482	4.82E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	5.3E-08	5.0E+00	1.4E-03	9.6E-04							
4	0.00457	4.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	5.0E-08	5.0E+00	1.4E-03	9.1E-04							
5	0.00301	3.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	3.3E-08	5.0E+00	1.4E-03	6.0E-04							
6	0.00414	4.14E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	4.6E-08	5.0E+00	1.4E-03	8.3E-04							
7	0.00411	4.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	4.5E-08	5.0E+00	1.4E-03	8.2E-04							
8	0.00384	3.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	4.2E-08	5.0E+00	1.4E-03	7.7E-04							
9	0.00558	5.58E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	6.2E-08	5.0E+00	1.4E-03	1.1E-03							
10	0.00532	5.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	5.9E-08	5.0E+00	1.4E-03	1.1E-03							
11	0.00508	5.08E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	5.6E-08	5.0E+00	1.4E-03	1.0E-03							
12	0.00297	2.97E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	3.3E-08	5.0E+00	1.4E-03	5.9E-04							
13	0.00222	2.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.7E-07	2.4E-08	5.0E+00	1.4E-03	4.4E-04							
14	0.00216	2.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	2.4E-08	5.0E+00	1.4E-03	4.3E-04							
15	0.00204	2.04E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.1E-07	2.3E-08	5.0E+00	1.4E-03	4.1E-04							
16	0.00184	1.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.4E-07	2.0E-08	5.0E+00	1.4E-03	3.7E-04							
17	0.00186	1.86E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.4E-07	2.1E-08	5.0E+00	1.4E-03	3.7E-04							
18	0.00174	1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.0E-07	1.9E-08	5.0E+00	1.4E-03	3.5E-04							
19	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.1E-07	2.3E-08	5.0E+00	1.4E-03	4.1E-04							
20	0.00241	2.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-07	2.7E-08	5.0E+00	1.4E-03	4.8E-04							
21	0.00071	7.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-07	7.8E-09	5.0E+00	1.4E-03	1.4E-04							
22	0.00251	2.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.7E-07	2.8E-08	5.0E+00	1.4E-03	5.0E-04							
23	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.2E-07	1.3E-08	5.0E+00	1.4E-03	2.4E-04							
24	0.00139	1.39E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.8E-07	1.5E-08	5.0E+00	1.4E-03	2.8E-04							
25	0.00094	9.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-07	1.0E-08	5.0E+00	1.4E-03	1.9E-04							
26	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.3E-07	2.3E-08	5.0E+00	1.4E-03	4.2E-04							
27	0.00298	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	3.3E-08	5.0E+00	1.4E-03	6.0E-04							
28	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	3.9E-08	5.0E+00	1.4E-03	7.0E-04							
29	0.00316	3.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.5E-08	5.0E+00	1.4E-03	6.3E-04							
30	0.00206	2.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.1E-07	2.3E-08	5.0E+00	1.4E-03	4.1E-04							
31	0.00107	1.07E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.7E-07	1.2E-08	5.0E+00	1.4E-03	2.1E-04							
32	0.00093	9.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-07	1.0E-08	5.0E+00	1.4E-03	1.9E-04							
33	0.00072	7.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-07	7.9E-09	5.0E+00	1.4E-03	1.4E-04							
34	0.00031	3.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	3.4E-09	5.0E+00	1.4E-03	6.2E-05							
35	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-07	3.3E-09	5.0E+00	1.4E-03	6.0E-05							
36	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-07	3.3E-09	5.0E+00	1.4E-03	6.0E-05							
37	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-07	5.4E-09	5.0E+00	1.4E-03	9.8E-05							
38	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-07	5.4E-09	5.0E+00	1.4E-03	9.8E-05							
39	0.00050	5.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-07	5.5E-09	5.0E+00	1.4E-03	1.0E-04							
40	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-07	5.4E-09	5.0E+00	1.4E-03	9.8E-05							
41	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	4.2E-09	5.0E+00	1.4E-03	7.6E-05							
42	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	4.2E-09	5.0E+00	1.4E-03	7.6E-05							
43	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	5.7E-08	5.0E+00	1.4E-03	1.0E-03							
MAXIMUM								6.2E-08			1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP Respiratory System
CNS/PNS Central/Peripheral Nervous System
CV/BL Cardiovascular/Blood System
IMMUN Immune System
KIDN Kidney
GI/LV Gastrointestinal System/Liver
REPRO Reproductive System (e.g. teratogenic and developmental effects)
EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 0.25
inhalation rate (L/kg-day) 361
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.85
age sensitivity factor (age third trimester) 10

Table 2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Scenario 1

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
									(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	5.5E-07	5.0E+00	1.4E-03	4.1E-04							
2	0.00306	3.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-06	8.2E-07	5.0E+00	1.4E-03	6.1E-04							
3	0.00482	4.82E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.0E-06	1.3E-06	5.0E+00	1.4E-03	9.6E-04							
4	0.00457	4.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.8E-06	1.2E-06	5.0E+00	1.4E-03	9.1E-04							
5	0.00301	3.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-06	8.0E-07	5.0E+00	1.4E-03	6.0E-04							
6	0.00414	4.14E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.3E-06	1.1E-06	5.0E+00	1.4E-03	8.3E-04							
7	0.00411	4.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.3E-06	1.1E-06	5.0E+00	1.4E-03	8.2E-04							
8	0.00384	3.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.0E-06	1.0E-06	5.0E+00	1.4E-03	7.7E-04							
9	0.00558	5.58E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.8E-06	1.5E-06	5.0E+00	1.4E-03	1.1E-03							
10	0.00532	5.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-06	1.4E-06	5.0E+00	1.4E-03	1.1E-03							
11	0.00508	5.08E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-06	1.4E-06	5.0E+00	1.4E-03	1.0E-03							
12	0.00297	2.97E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-06	7.9E-07	5.0E+00	1.4E-03	5.9E-04							
13	0.00222	2.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	5.9E-07	5.0E+00	1.4E-03	4.4E-04							
14	0.00216	2.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	5.8E-07	5.0E+00	1.4E-03	4.3E-04							
15	0.00204	2.04E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	5.4E-07	5.0E+00	1.4E-03	4.1E-04							
16	0.00184	1.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	4.9E-07	5.0E+00	1.4E-03	3.7E-04							
17	0.00186	1.86E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	5.0E-07	5.0E+00	1.4E-03	3.7E-04							
18	0.00174	1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	4.6E-07	5.0E+00	1.4E-03	3.5E-04							
19	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	5.5E-07	5.0E+00	1.4E-03	4.1E-04							
20	0.00241	2.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	6.4E-07	5.0E+00	1.4E-03	4.8E-04							
21	0.00071	7.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.4E-07	1.9E-07	5.0E+00	1.4E-03	1.4E-04							
22	0.00251	2.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-06	6.7E-07	5.0E+00	1.4E-03	5.0E-04							
23	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	3.2E-07	5.0E+00	1.4E-03	2.4E-04							
24	0.00139	1.39E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	3.7E-07	5.0E+00	1.4E-03	2.8E-04							
25	0.00094	9.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.8E-07	2.5E-07	5.0E+00	1.4E-03	1.9E-04							
26	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-06	5.7E-07	5.0E+00	1.4E-03	4.2E-04							
27	0.00298	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-06	7.9E-07	5.0E+00	1.4E-03	6.0E-04							
28	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.7E-06	9.3E-07	5.0E+00	1.4E-03	7.0E-04							
29	0.00316	3.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-06	8.4E-07	5.0E+00	1.4E-03	6.3E-04							
30	0.00206	2.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-06	5.5E-07	5.0E+00	1.4E-03	4.1E-04							
31	0.00107	1.07E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	2.9E-07	5.0E+00	1.4E-03	2.1E-04							
32	0.00093	9.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.7E-07	2.5E-07	5.0E+00	1.4E-03	1.9E-04							
33	0.00072	7.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	1.9E-07	5.0E+00	1.4E-03	1.4E-04							
34	0.00031	3.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-07	8.3E-08	5.0E+00	1.4E-03	6.2E-05							
35	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-07	8.0E-08	5.0E+00	1.4E-03	6.0E-05							
36	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-07	8.0E-08	5.0E+00	1.4E-03	6.0E-05							
37	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	1.3E-07	5.0E+00	1.4E-03	9.8E-05							
38	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	1.3E-07	5.0E+00	1.4E-03	9.8E-05							
39	0.00050	5.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	1.3E-07	5.0E+00	1.4E-03	1.0E-04							
40	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	1.3E-07	5.0E+00	1.4E-03	9.8E-05							
41	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.0E-07	1.0E-07	5.0E+00	1.4E-03	7.6E-05							
42	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.0E-07	1.0E-07	5.0E+00	1.4E-03	7.6E-05							
43	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-06	1.4E-06	5.0E+00	1.4E-03	1.0E-03							
MAXIMUM								1.5E-06			1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
 exposure duration (years) 2
 inhalation rate (L/kg-day) 1090
 inhalation absorption factor 1
 averaging time (years) 70
 fraction of time at home 0.85
 age sensitivity factor (0 to 2 years old) 10

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario - Scenario 1

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(ug/m ³) ⁻¹ (f)	(mg/kg/day) ⁻¹ (g)	(mg/kg-day) (h)	(i)	(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	5.1E-07	5.0E+00	1.4E-03	4.1E-04							
2	0.00306	3.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.6E-07	5.0E+00	1.4E-03	6.1E-04							
3	0.00482	4.82E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-06	1.2E-06	5.0E+00	1.4E-03	9.6E-04							
4	0.00457	4.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	1.1E-06	5.0E+00	1.4E-03	9.1E-04							
5	0.00301	3.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.5E-07	5.0E+00	1.4E-03	6.0E-04							
6	0.00414	4.14E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	1.0E-06	5.0E+00	1.4E-03	8.3E-04							
7	0.00411	4.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	1.0E-06	5.0E+00	1.4E-03	8.2E-04							
8	0.00384	3.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	9.6E-07	5.0E+00	1.4E-03	7.7E-04							
9	0.00558	5.58E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-06	1.4E-06	5.0E+00	1.4E-03	1.1E-03							
10	0.00532	5.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-06	1.3E-06	5.0E+00	1.4E-03	1.1E-03							
11	0.00508	5.08E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-06	1.3E-06	5.0E+00	1.4E-03	1.0E-03							
12	0.00297	2.97E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	7.4E-07	5.0E+00	1.4E-03	5.9E-04							
13	0.00222	2.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.5E-07	5.0E+00	1.4E-03	4.4E-04							
14	0.00216	2.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.4E-07	5.0E+00	1.4E-03	4.3E-04							
15	0.00204	2.04E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	5.1E-07	5.0E+00	1.4E-03	4.1E-04							
16	0.00184	1.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	4.6E-07	5.0E+00	1.4E-03	3.7E-04							
17	0.00186	1.86E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	4.6E-07	5.0E+00	1.4E-03	3.7E-04							
18	0.00174	1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-07	4.3E-07	5.0E+00	1.4E-03	3.5E-04							
19	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	5.1E-07	5.0E+00	1.4E-03	4.1E-04							
20	0.00241	2.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	6.0E-07	5.0E+00	1.4E-03	4.8E-04							
21	0.00071	7.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	1.8E-07	5.0E+00	1.4E-03	1.4E-04							
22	0.00251	2.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	6.2E-07	5.0E+00	1.4E-03	5.0E-04							
23	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.6E-07	3.0E-07	5.0E+00	1.4E-03	2.4E-04							
24	0.00139	1.39E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.6E-07	3.5E-07	5.0E+00	1.4E-03	2.8E-04							
25	0.00094	9.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	2.3E-07	5.0E+00	1.4E-03	1.9E-04							
26	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.3E-07	5.0E+00	1.4E-03	4.2E-04							
27	0.00298	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	7.4E-07	5.0E+00	1.4E-03	6.0E-04							
28	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	8.7E-07	5.0E+00	1.4E-03	7.0E-04							
29	0.00316	3.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.9E-07	5.0E+00	1.4E-03	6.3E-04							
30	0.00206	2.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	5.1E-07	5.0E+00	1.4E-03	4.1E-04							
31	0.00107	1.07E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-07	2.7E-07	5.0E+00	1.4E-03	2.1E-04							
32	0.00093	9.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	2.3E-07	5.0E+00	1.4E-03	1.9E-04							
33	0.00072	7.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	1.8E-07	5.0E+00	1.4E-03	1.4E-04							
34	0.00031	3.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-07	7.7E-08	5.0E+00	1.4E-03	6.2E-05							
35	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-07	7.5E-08	5.0E+00	1.4E-03	6.0E-05							
36	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-07	7.5E-08	5.0E+00	1.4E-03	6.0E-05							
37	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	9.8E-05							
38	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	9.8E-05							
39	0.00050	5.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	1.0E-04							
40	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	1.2E-07	5.0E+00	1.4E-03	9.8E-05							
41	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	9.5E-08	5.0E+00	1.4E-03	7.6E-05							
42	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	9.5E-08	5.0E+00	1.4E-03	7.6E-05							
43	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-06	1.3E-06	5.0E+00	1.4E-03	1.0E-03							
MAXIMUM								1.4E-06			1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
 exposure duration (years) 14
 inhalation rate (L/kg-day) 572
 inhalation absorption factor 1
 averaging time (years) 70
 fraction of time at home 0.72
 age sensitivity factor (ages 2 to 16 year) 3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario - Scenario 1

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(ug/m ³) ⁻¹ (f)	(mg/kg/day) ⁻¹ (g)	(mg/kg-day) (h)	(i)	(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	7.9E-08	5.0E+00	1.4E-03	4.1E-04							
2	0.00306	3.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.7E-07	1.2E-07	5.0E+00	1.4E-03	6.1E-04							
3	0.00482	4.82E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	1.8E-07	5.0E+00	1.4E-03	9.6E-04							
4	0.00457	4.57E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.8E-07	5.0E+00	1.4E-03	9.1E-04							
5	0.00301	3.01E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	1.2E-07	5.0E+00	1.4E-03	6.0E-04							
6	0.00414	4.14E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	1.6E-07	5.0E+00	1.4E-03	8.3E-04							
7	0.00411	4.11E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	1.6E-07	5.0E+00	1.4E-03	8.2E-04							
8	0.00384	3.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.6E-07	1.5E-07	5.0E+00	1.4E-03	7.7E-04							
9	0.00558	5.58E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	2.1E-07	5.0E+00	1.4E-03	1.1E-03							
10	0.00532	5.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	2.0E-07	5.0E+00	1.4E-03	1.1E-03							
11	0.00508	5.08E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	1.9E-07	5.0E+00	1.4E-03	1.0E-03							
12	0.00297	2.97E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.4E-07	1.1E-07	5.0E+00	1.4E-03	5.9E-04							
13	0.00222	2.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-07	8.5E-08	5.0E+00	1.4E-03	4.4E-04							
14	0.00216	2.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-07	8.3E-08	5.0E+00	1.4E-03	4.3E-04							
15	0.00204	2.04E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	7.8E-08	5.0E+00	1.4E-03	4.1E-04							
16	0.00184	1.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.6E-07	7.1E-08	5.0E+00	1.4E-03	3.7E-04							
17	0.00186	1.86E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.7E-07	7.1E-08	5.0E+00	1.4E-03	3.7E-04							
18	0.00174	1.74E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-07	6.7E-08	5.0E+00	1.4E-03	3.5E-04							
19	0.00205	2.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.1E-07	7.9E-08	5.0E+00	1.4E-03	4.1E-04							
20	0.00241	2.41E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.0E-07	9.2E-08	5.0E+00	1.4E-03	4.8E-04							
21	0.00071	7.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	2.7E-08	5.0E+00	1.4E-03	1.4E-04							
22	0.00251	2.51E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.3E-07	9.6E-08	5.0E+00	1.4E-03	5.0E-04							
23	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	4.6E-08	5.0E+00	1.4E-03	2.4E-04							
24	0.00139	1.39E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.5E-07	5.3E-08	5.0E+00	1.4E-03	2.8E-04							
25	0.00094	9.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-07	3.6E-08	5.0E+00	1.4E-03	1.9E-04							
26	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	8.1E-08	5.0E+00	1.4E-03	4.2E-04							
27	0.00298	2.98E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	1.1E-07	5.0E+00	1.4E-03	6.0E-04							
28	0.00350	3.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.8E-07	1.3E-07	5.0E+00	1.4E-03	7.0E-04							
29	0.00316	3.16E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-07	1.2E-07	5.0E+00	1.4E-03	6.3E-04							
30	0.00206	2.06E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	7.9E-08	5.0E+00	1.4E-03	4.1E-04							
31	0.00107	1.07E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	4.1E-08	5.0E+00	1.4E-03	2.1E-04							
32	0.00093	9.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-07	3.6E-08	5.0E+00	1.4E-03	1.9E-04							
33	0.00072	7.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	2.8E-08	5.0E+00	1.4E-03	1.4E-04							
34	0.00031	3.10E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.8E-08	1.2E-08	5.0E+00	1.4E-03	6.2E-05							
35	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-08	1.2E-08	5.0E+00	1.4E-03	6.0E-05							
36	0.00030	3.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-08	1.2E-08	5.0E+00	1.4E-03	6.0E-05							
37	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	1.9E-08	5.0E+00	1.4E-03	9.8E-05							
38	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	1.9E-08	5.0E+00	1.4E-03	9.8E-05							
39	0.00050	5.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-07	1.9E-08	5.0E+00	1.4E-03	1.0E-04							
40	0.00049	4.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	1.9E-08	5.0E+00	1.4E-03	9.8E-05							
41	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-08	1.5E-08	5.0E+00	1.4E-03	7.6E-05							
42	0.00038	3.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-08	1.5E-08	5.0E+00	1.4E-03	7.6E-05							
43	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	2.0E-07	5.0E+00	1.4E-03	1.0E-03							
MAXIMUM								2.1E-07		1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.21

** Key to Toxicological Endpoints

- RESP Respiratory System
- CNS/PNS Central/Peripheral Nervous System
- CV/BL Cardiovascular/Blood System
- IMMUN Immune System
- KIDN Kidney
- GI/LV Gastrointestinal System/Liver
- REPRO Reproductive System (e.g. teratogenic and developmental effects)
- EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

- exposure frequency (days/year) 350
- exposure duration (years) 14
- inhalation rate (L/kg-day) 261
- inhalation absorption factor 1
- averaging time (years) 70
- fraction of time at home 0.73
- age sensitivity factor (ages 16 to 30 years old) 1

Total Risk for All Age Bins (per million) 3.15

Table 1
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
-0.25 to 0 Age Bin Exposure Scenario - Scenario 2

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
											(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00213	2.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.4E-07	2.4E-08	5.0E+00	1.4E-03	4.3E-04							
2	0.00315	3.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.5E-08	5.0E+00	1.4E-03	6.3E-04							
3	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	5.7E-08	5.0E+00	1.4E-03	1.0E-03							
4	0.00499	4.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	5.5E-08	5.0E+00	1.4E-03	1.0E-03							
5	0.00330	3.30E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.6E-08	5.0E+00	1.4E-03	6.6E-04							
6	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	5.0E-08	5.0E+00	1.4E-03	9.0E-04							
7	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	5.0E-08	5.0E+00	1.4E-03	9.0E-04							
8	0.00422	4.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	4.7E-08	5.0E+00	1.4E-03	8.4E-04							
9	0.00638	6.38E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-06	7.0E-08	5.0E+00	1.4E-03	1.3E-03							
10	0.00609	6.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	6.7E-08	5.0E+00	1.4E-03	1.2E-03							
11	0.00584	5.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-06	6.4E-08	5.0E+00	1.4E-03	1.2E-03							
12	0.00327	3.27E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.6E-08	5.0E+00	1.4E-03	6.5E-04							
13	0.00250	2.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.7E-07	2.8E-08	5.0E+00	1.4E-03	5.0E-04							
14	0.00243	2.43E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.4E-07	2.7E-08	5.0E+00	1.4E-03	4.9E-04							
15	0.00232	2.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.0E-07	2.6E-08	5.0E+00	1.4E-03	4.6E-04							
16	0.00209	2.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.2E-07	2.3E-08	5.0E+00	1.4E-03	4.2E-04							
17	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.3E-07	2.3E-08	5.0E+00	1.4E-03	4.2E-04							
18	0.00199	1.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.9E-07	2.2E-08	5.0E+00	1.4E-03	4.0E-04							
19	0.00234	2.34E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.1E-07	2.6E-08	5.0E+00	1.4E-03	4.7E-04							
20	0.00276	2.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.6E-07	3.0E-08	5.0E+00	1.4E-03	5.5E-04							
21	0.00080	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-07	8.8E-09	5.0E+00	1.4E-03	1.6E-04							
22	0.00287	2.87E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.9E-07	3.2E-08	5.0E+00	1.4E-03	5.7E-04							
23	0.00136	1.36E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.7E-07	1.5E-08	5.0E+00	1.4E-03	2.7E-04							
24	0.00156	1.56E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-07	1.7E-08	5.0E+00	1.4E-03	3.1E-04							
25	0.00098	9.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-07	1.1E-08	5.0E+00	1.4E-03	2.0E-04							
26	0.00228	2.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-07	2.5E-08	5.0E+00	1.4E-03	4.6E-04							
27	0.00322	3.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	3.6E-08	5.0E+00	1.4E-03	6.4E-04							
28	0.00380	3.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	4.2E-08	5.0E+00	1.4E-03	7.6E-04							
29	0.00344	3.44E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	3.8E-08	5.0E+00	1.4E-03	6.9E-04							
30	0.00225	2.25E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.8E-07	2.5E-08	5.0E+00	1.4E-03	4.5E-04							
31	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.2E-07	1.3E-08	5.0E+00	1.4E-03	2.4E-04							
32	0.00105	1.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.6E-07	1.2E-08	5.0E+00	1.4E-03	2.1E-04							
33	0.00079	7.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-07	8.7E-09	5.0E+00	1.4E-03	1.6E-04							
34	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	3.8E-09	5.0E+00	1.4E-03	6.8E-05							
35	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-07	3.8E-09	5.0E+00	1.4E-03	6.8E-05							
36	0.00033	3.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	3.6E-09	5.0E+00	1.4E-03	6.6E-05							
37	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	6.1E-09	5.0E+00	1.4E-03	1.1E-04							
38	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	6.1E-09	5.0E+00	1.4E-03	1.1E-04							
39	0.00056	5.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	6.2E-09	5.0E+00	1.4E-03	1.1E-04							
40	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	6.1E-09	5.0E+00	1.4E-03	1.1E-04							
41	0.00043	4.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-07	4.7E-09	5.0E+00	1.4E-03	8.6E-05							
42	0.00042	4.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-07	4.6E-09	5.0E+00	1.4E-03	8.4E-05							
43	0.00580	5.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-06	6.4E-08	5.0E+00	1.4E-03	1.2E-03							
MAXIMUM							7.0E-08			1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP Respiratory System
CNS/PNS Central/Peripheral Nervous System
CV/BL Cardiovascular/Blood System
IMMUN Immune System
KIDN Kidney
GI/LV Gastrointestinal System/Liver
REPRO Reproductive System (e.g. teratogenic and developmental effects)
EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 0.25
inhalation rate (L/kg-day) 361
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.85
age sensitivity factor (age third trimester) 10

Table 2
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
0-2 Age Bin Exposure Scenario - Scenario 2

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
1	0.00213	2.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-06	5.7E-07	5.0E+00	1.4E-03	4.3E-04							
2	0.00315	3.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-06	8.4E-07	5.0E+00	1.4E-03	6.3E-04							
3	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-06	1.4E-06	5.0E+00	1.4E-03	1.0E-03							
4	0.00499	4.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-06	1.3E-06	5.0E+00	1.4E-03	1.0E-03							
5	0.00330	3.30E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-06	8.8E-07	5.0E+00	1.4E-03	6.6E-04							
6	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.7E-06	1.2E-06	5.0E+00	1.4E-03	9.0E-04							
7	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.7E-06	1.2E-06	5.0E+00	1.4E-03	9.0E-04							
8	0.00422	4.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-06	1.1E-06	5.0E+00	1.4E-03	8.4E-04							
9	0.00638	6.38E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.7E-06	1.7E-06	5.0E+00	1.4E-03	1.3E-03							
10	0.00609	6.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.4E-06	1.6E-06	5.0E+00	1.4E-03	1.2E-03							
11	0.00584	5.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.1E-06	1.6E-06	5.0E+00	1.4E-03	1.2E-03							
12	0.00327	3.27E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-06	8.7E-07	5.0E+00	1.4E-03	6.5E-04							
13	0.00250	2.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-06	6.7E-07	5.0E+00	1.4E-03	5.0E-04							
14	0.00243	2.43E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	6.5E-07	5.0E+00	1.4E-03	4.9E-04							
15	0.00232	2.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-06	6.2E-07	5.0E+00	1.4E-03	4.6E-04							
16	0.00209	2.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-06	5.6E-07	5.0E+00	1.4E-03	4.2E-04							
17	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-06	5.7E-07	5.0E+00	1.4E-03	4.2E-04							
18	0.00199	1.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	5.3E-07	5.0E+00	1.4E-03	4.0E-04							
19	0.00234	2.34E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-06	6.2E-07	5.0E+00	1.4E-03	4.7E-04							
20	0.00276	2.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-06	7.4E-07	5.0E+00	1.4E-03	5.5E-04							
21	0.00080	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.4E-07	2.1E-07	5.0E+00	1.4E-03	1.6E-04							
22	0.00287	2.87E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-06	7.6E-07	5.0E+00	1.4E-03	5.7E-04							
23	0.00136	1.36E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	3.6E-07	5.0E+00	1.4E-03	2.7E-04							
24	0.00156	1.56E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	4.2E-07	5.0E+00	1.4E-03	3.1E-04							
25	0.00098	9.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.0E-06	2.6E-07	5.0E+00	1.4E-03	2.0E-04							
26	0.00228	2.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-06	6.1E-07	5.0E+00	1.4E-03	4.6E-04							
27	0.00322	3.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-06	8.6E-07	5.0E+00	1.4E-03	6.4E-04							
28	0.00380	3.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.0E-06	1.0E-06	5.0E+00	1.4E-03	7.6E-04							
29	0.00344	3.44E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.6E-06	9.2E-07	5.0E+00	1.4E-03	6.9E-04							
30	0.00225	2.25E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-06	6.0E-07	5.0E+00	1.4E-03	4.5E-04							
31	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	3.2E-07	5.0E+00	1.4E-03	2.4E-04							
32	0.00105	1.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	2.8E-07	5.0E+00	1.4E-03	2.1E-04							
33	0.00079	7.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-07	2.1E-07	5.0E+00	1.4E-03	1.6E-04							
34	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.6E-07	9.1E-08	5.0E+00	1.4E-03	6.8E-05							
35	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.6E-07	9.1E-08	5.0E+00	1.4E-03	6.8E-05							
36	0.00033	3.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-07	8.8E-08	5.0E+00	1.4E-03	6.6E-05							
37	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.7E-07	1.5E-07	5.0E+00	1.4E-03	1.1E-04							
38	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.7E-07	1.5E-07	5.0E+00	1.4E-03	1.1E-04							
39	0.00056	5.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-07	1.5E-07	5.0E+00	1.4E-03	1.1E-04							
40	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.7E-07	1.5E-07	5.0E+00	1.4E-03	1.1E-04							
41	0.00043	4.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.5E-07	1.1E-07	5.0E+00	1.4E-03	8.6E-05							
42	0.00042	4.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-07	1.1E-07	5.0E+00	1.4E-03	8.4E-05							
43	0.00580	5.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.1E-06	1.5E-06	5.0E+00	1.4E-03	1.2E-03							
MAXIMUM								1.7E-06			1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

** Key to Toxicological Endpoints

RESP	Respiratory System
CNS/PNS	Central/Peripheral Nervous System
CV/BL	Cardiovascular/Blood System
IMMUN	Immune System
KIDN	Kidney
GI/LV	Gastrointestinal System/Liver
REPRO	Reproductive System (e.g. teratogenic and developmental effects)
EYES	Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	2
inhalation rate (L/kg-day)	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.85
age sensitivity factor (0 to 2 years old)	10

Table 3
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
2-16 Age Bin Exposure Scenario - Scenario 2

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m ³) (b)	(mg/m ³) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(ug/m ³) ⁻¹ (f)	(mg/kg/day) ⁻¹ (g)	(mg/kg-day) (h)	(i)	(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)
1	0.00213	2.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.3E-07	5.0E+00	1.4E-03	4.3E-04							
2	0.00315	3.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.7E-06	7.8E-07	5.0E+00	1.4E-03	6.3E-04							
3	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.8E-06	1.3E-06	5.0E+00	1.4E-03	1.0E-03							
4	0.00499	4.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.7E-06	1.2E-06	5.0E+00	1.4E-03	1.0E-03							
5	0.00330	3.30E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	8.2E-07	5.0E+00	1.4E-03	6.6E-04							
6	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	1.1E-06	5.0E+00	1.4E-03	9.0E-04							
7	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-06	1.1E-06	5.0E+00	1.4E-03	9.0E-04							
8	0.00422	4.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-06	1.0E-06	5.0E+00	1.4E-03	8.4E-04							
9	0.00638	6.38E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.5E-06	1.6E-06	5.0E+00	1.4E-03	1.3E-03							
10	0.00609	6.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-06	1.5E-06	5.0E+00	1.4E-03	1.2E-03							
11	0.00584	5.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-06	1.5E-06	5.0E+00	1.4E-03	1.2E-03							
12	0.00327	3.27E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	8.1E-07	5.0E+00	1.4E-03	6.5E-04							
13	0.00250	2.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-06	6.2E-07	5.0E+00	1.4E-03	5.0E-04							
14	0.00243	2.43E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	6.0E-07	5.0E+00	1.4E-03	4.9E-04							
15	0.00232	2.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.8E-07	5.0E+00	1.4E-03	4.6E-04							
16	0.00209	2.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	5.2E-07	5.0E+00	1.4E-03	4.2E-04							
17	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.3E-07	5.0E+00	1.4E-03	4.2E-04							
18	0.00199	1.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	5.0E-07	5.0E+00	1.4E-03	4.0E-04							
19	0.00234	2.34E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.8E-07	5.0E+00	1.4E-03	4.7E-04							
20	0.00276	2.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	6.9E-07	5.0E+00	1.4E-03	5.5E-04							
21	0.00080	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.4E-07	2.0E-07	5.0E+00	1.4E-03	1.6E-04							
22	0.00287	2.87E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	7.1E-07	5.0E+00	1.4E-03	5.7E-04							
23	0.00136	1.36E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.5E-07	3.4E-07	5.0E+00	1.4E-03	2.7E-04							
24	0.00156	1.56E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.6E-07	3.9E-07	5.0E+00	1.4E-03	3.1E-04							
25	0.00098	9.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.4E-07	2.4E-07	5.0E+00	1.4E-03	2.0E-04							
26	0.00228	2.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	5.7E-07	5.0E+00	1.4E-03	4.6E-04							
27	0.00322	3.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-06	8.0E-07	5.0E+00	1.4E-03	6.4E-04							
28	0.00380	3.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-06	9.5E-07	5.0E+00	1.4E-03	7.6E-04							
29	0.00344	3.44E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-06	8.6E-07	5.0E+00	1.4E-03	6.9E-04							
30	0.00225	2.25E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	5.6E-07	5.0E+00	1.4E-03	4.5E-04							
31	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.6E-07	3.0E-07	5.0E+00	1.4E-03	2.4E-04							
32	0.00105	1.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.8E-07	2.6E-07	5.0E+00	1.4E-03	2.1E-04							
33	0.00079	7.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.3E-07	2.0E-07	5.0E+00	1.4E-03	1.6E-04							
34	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	8.5E-08	5.0E+00	1.4E-03	6.8E-05							
35	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.9E-07	8.5E-08	5.0E+00	1.4E-03	6.8E-05							
36	0.00033	3.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.8E-07	8.2E-08	5.0E+00	1.4E-03	6.6E-05							
37	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.4E-07	5.0E+00	1.4E-03	1.1E-04							
38	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.4E-07	5.0E+00	1.4E-03	1.1E-04							
39	0.00056	5.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.1E-07	1.4E-07	5.0E+00	1.4E-03	1.1E-04							
40	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	1.4E-07	5.0E+00	1.4E-03	1.1E-04							
41	0.00043	4.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.4E-07	1.1E-07	5.0E+00	1.4E-03	8.6E-05							
42	0.00042	4.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.3E-07	1.0E-07	5.0E+00	1.4E-03	8.4E-05							
43	0.00580	5.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.2E-06	1.4E-06	5.0E+00	1.4E-03	1.2E-03							
MAXIMUM							1.6E-06			1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day)	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.72
age sensitivity factor (ages 2 to 16 year)	3

Table 4
Quantification of Carcinogenic Risks and Noncarcinogenic Hazards
16-30 Age Bin Exposure Scenario - Scenario 2

Receptor (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**													
	(ug/m ³) (b)	(mg/m ³) (c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES				
									(ug/m ³) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)				
1	0.00213	2.13E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	8.2E-08	5.0E+00	1.4E-03	4.3E-04											
2	0.00315	3.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.9E-07	1.2E-07	5.0E+00	1.4E-03	6.3E-04											
3	0.00515	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.3E-06	2.0E-07	5.0E+00	1.4E-03	1.0E-03											
4	0.00499	4.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.2E-06	1.9E-07	5.0E+00	1.4E-03	1.0E-03											
5	0.00330	3.30E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-07	1.3E-07	5.0E+00	1.4E-03	6.6E-04											
6	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.7E-07	5.0E+00	1.4E-03	9.0E-04											
7	0.00452	4.52E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.7E-07	5.0E+00	1.4E-03	9.0E-04											
8	0.00422	4.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-06	1.6E-07	5.0E+00	1.4E-03	8.4E-04											
9	0.00638	6.38E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.6E-06	2.4E-07	5.0E+00	1.4E-03	1.3E-03											
10	0.00609	6.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	2.3E-07	5.0E+00	1.4E-03	1.2E-03											
11	0.00584	5.84E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	2.2E-07	5.0E+00	1.4E-03	1.2E-03											
12	0.00327	3.27E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.2E-07	1.3E-07	5.0E+00	1.4E-03	6.5E-04											
13	0.00250	2.50E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.3E-07	9.6E-08	5.0E+00	1.4E-03	5.0E-04											
14	0.00243	2.43E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.1E-07	9.3E-08	5.0E+00	1.4E-03	4.9E-04											
15	0.00232	2.32E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.8E-07	8.9E-08	5.0E+00	1.4E-03	4.6E-04											
16	0.00209	2.09E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.2E-07	8.0E-08	5.0E+00	1.4E-03	4.2E-04											
17	0.00212	2.12E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.3E-07	8.1E-08	5.0E+00	1.4E-03	4.2E-04											
18	0.00199	1.99E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.0E-07	7.6E-08	5.0E+00	1.4E-03	4.0E-04											
19	0.00234	2.34E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.9E-07	9.0E-08	5.0E+00	1.4E-03	4.7E-04											
20	0.00276	2.76E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.9E-07	1.1E-07	5.0E+00	1.4E-03	5.5E-04											
21	0.00080	8.00E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-07	3.1E-08	5.0E+00	1.4E-03	1.6E-04											
22	0.00287	2.87E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.2E-07	1.1E-07	5.0E+00	1.4E-03	5.7E-04											
23	0.00136	1.36E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.4E-07	5.2E-08	5.0E+00	1.4E-03	2.7E-04											
24	0.00156	1.56E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.9E-07	6.0E-08	5.0E+00	1.4E-03	3.1E-04											
25	0.00098	9.80E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.5E-07	3.8E-08	5.0E+00	1.4E-03	2.0E-04											
26	0.00228	2.28E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.7E-07	8.7E-08	5.0E+00	1.4E-03	4.6E-04											
27	0.00322	3.22E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.1E-07	1.2E-07	5.0E+00	1.4E-03	6.4E-04											
28	0.00380	3.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	9.5E-07	1.5E-07	5.0E+00	1.4E-03	7.6E-04											
29	0.00344	3.44E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.6E-07	1.3E-07	5.0E+00	1.4E-03	6.9E-04											
30	0.00225	2.25E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	5.6E-07	8.6E-08	5.0E+00	1.4E-03	4.5E-04											
31	0.00121	1.21E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.0E-07	4.6E-08	5.0E+00	1.4E-03	2.4E-04											
32	0.00105	1.05E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.6E-07	4.0E-08	5.0E+00	1.4E-03	2.1E-04											
33	0.00079	7.90E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.0E-07	3.0E-08	5.0E+00	1.4E-03	1.6E-04											
34	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.5E-08	1.3E-08	5.0E+00	1.4E-03	6.8E-05											
35	0.00034	3.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.5E-08	1.3E-08	5.0E+00	1.4E-03	6.8E-05											
36	0.00033	3.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.3E-08	1.3E-08	5.0E+00	1.4E-03	6.6E-05											
37	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04											
38	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04											
39	0.00056	5.60E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04											
40	0.00055	5.50E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.4E-07	2.1E-08	5.0E+00	1.4E-03	1.1E-04											
41	0.00043	4.30E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	1.6E-08	5.0E+00	1.4E-03	8.6E-05											
42	0.00042	4.20E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.1E-07	1.6E-08	5.0E+00	1.4E-03	8.4E-05											
43	0.00580	5.80E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-06	2.2E-07	5.0E+00	1.4E-03	1.2E-03											
MAXIMUM								2.4E-07			1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.24

** Key to Toxicological Endpoints

RESP Respiratory System
 CNS/PNS Central/Peripheral Nervous System
 CV/BL Cardiovascular/Blood System
 IMMUN Immune System
 KIDN Kidney
 GI/LV Gastrointestinal System/Liver
 REPRO Reproductive System (e.g. teratogenic and developmental effects)
 EYES Eye irritation and/or other effects

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
 exposure duration (years) 14
 inhalation rate (L/kg-day) 261
 inhalation absorption factor 1
 averaging time (years) 70
 fraction of time at home 0.73
 age sensitivity factor (ages 16 to 30 years old) 1

Total Risk for All Age Bins (per million) 3.60

Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
25-Year Worker Exposure Scenario - Scenario 2

	Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**															
		(b)	(c)			URF (ug/m ³) ⁻¹ (f)	CPF (mg/kg/day) ⁻¹ (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m ³) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)						
		1	Diesel Particulates			5.15E-03	5.15E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.1E-07	3.0E-07	5.0E+00	1.4E-03	1.0E-03									
TOTAL									3.0E-07 0.30			1.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00				

** Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

RESP	Respiratory System	exposure frequency (days/year)	250
CNS/PNS	Central/Peripheral Nervous System	exposure duration (years)	25
CV/BL	Cardiovascular/Blood System	inhalation rate (L/kg-day)	230
IMMUN	Immune System	inhalation absorption factor	1
KIDN	Kidney	averaging time (years)	70
GI/LV	Gastrointestinal System/Liver		
REPRO	Reproductive System (e.g. teratogenic and developmental effects)		
EYES	Eye irritation and/or other effects		

This page intentionally left blank