

Appendix FEIR-2

Project Health Risk Assessment

HEALTH RISK ASSESSMENT

5420 Sunset Project

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1.0 Executive Summary

1.1 Findings

This report provides an analysis of potential health risk impacts related to the proposed construction and operation of the 5420 Sunset Project (Project) in the City of Los Angeles, California. The analysis identified the baseline condition around the Project and evaluated the incremental change in health risk concentration exposure from diesel exhaust/diesel particulate matter (DPM) emitted by heavy-duty construction equipment during construction and limited heavy-duty delivery trucks during operation¹ of the Project. The findings of the analysis are as follows:

- For carcinogenic exposures, the increase in risk is calculated to be 6.9 in one million, which is less than the applicable threshold of 10 in one million for sensitive receptors in close proximity to the Project Site, resulting in a less than significant impact.
- For chronic non-carcinogenic exposures, the increase in the respiratory hazard index was estimated to be less than the applicable threshold of one for sensitive receptors in close proximity to the Project Site, resulting in a less than significant impact.

¹ *The Project would not support any land uses or activities that would involve the use, storage, or processing of carcinogenic toxic air contaminants. In addition, the proposed land uses would not generally involve the use of heavy-duty diesel trucks with the exception of occasional moving trucks, trash trucks or delivery trucks.*

2.0 Introduction

The Project is a mixed-use development that contains residential dwelling units and retail, restaurant and supermarket uses. To be clear, this is not the type of project that the regulatory agencies, or the applicable regulatory laws, at the time the Draft Environmental Impact Report (Draft EIR) was prepared, require to produce a Health Risk Assessment (HRA) for adequate disclosure of potential air quality impacts pursuant to the California Environmental Quality Act (CEQA).

The California Air Pollution Control Officers Association (CAPCOA) Guidance Document for Health Risk Assessments for Proposed Land Use Projects (2009) (CAPCOA HRA Guidance) provides lead agencies with guidance regarding when and how an HRA should be prepared. It bases the risk assessment methodology on the procedures developed by the California Office of Environmental Health Hazard Assessment (OEHHA) to meet the mandates of the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588). The CAPCOA HRA Guidance states that

"[t]here are basically two types of land use projects that have the potential to cause long-term public health risk impacts: Type A – land use projects with toxic emissions that impact receptors; and Type B land use projects that will place receptors in the vicinity of existing toxic sources. Type A project examples are combustion related power plants, gasoline dispensing facilities, asphalt batch plants, warehouse distribution centers, quarry operations, and other stationary sources that emit toxic substances. Type B project examples are project that place receptors near stationary sources, high traffic roads, freeways, rail yards, and ports."

Note that the Project does not qualify as either a Type A or Type B project. Therefore, per the CAPCOA HRA Guidance in effect when the Draft EIR for the Project was prepared, the lead agency did not include an HRA in the Draft EIR. Accordingly, this HRA was done voluntarily for informational purposes only to supplement the administrative record and respond to comments, and further demonstrates that even if an HRA was necessary (which it was not) the Project would not have a significant air quality impact.

The OEHHA adopted the Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments (2003 Guidance Manual) in October of 2003. The Guidance Manual was developed by OEHHA, in conjunction with the California Air Resources Board (CARB), for use in implementing the Air Toxics "Hot Spots" Program (Health and Safety Code Section 44360 et. seq.). The Air Toxics "Hot Spots" Program

requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics “Hot Spots” Program are to collect emission data, to identify facilities having localized impacts, to ascertain health risks, to notify nearby residents of significant risks, and to reduce those significant risks to acceptable levels.

OEHHA adopted a new version of the Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments (2015 Guidance Manual) in March of 2015.² CARB acknowledges that the Guidance Manual does not include guidance for projects prepared under the auspices of CEQA and that it would be “handled by individual [Air Pollution Control] Districts.”³ As noted by CARB,

“The Air Toxics “Hot Spots” Information and Assessment Act (AB 2588, 1987, Connelly) was enacted in September 1987. Under this, stationary sources are required to report the types and quantities of certain substances their facilities routinely release into the air. Emissions of interest are those that result from the routine operation of a facility or that are predictable, including but not limited to continuous and intermittent releases and process upsets or leaks...

The Act requires that toxic air emissions from stationary sources (facilities) be quantified and compiled into an inventory according to criteria and guidelines developed by the ARB, that each facility be prioritized to determine whether a risk assessment must be conducted, that the risk assessments be conducted according to methods developed by OEHHA...”⁴

As reported above, applicability is associated with commercial and industrial operations. There are two broad classes of facilities subject to the AB 2588 Program: Core facilities and facilities identified within discrete industry-wide source categories. Core facilities subject to AB 2588 compliance are sources whose criteria pollutant emissions (particulate matter, oxides of sulfur, oxides of nitrogen, and volatile organic compounds)

² Office of Environmental Health Hazard Assessment, *Air Toxicology and Epidemiology, Adoption of Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*, March 6, 2015, www.oehha.ca.gov/air/hot_spots/hotspots2015.html, accessed November 29, 2021.

³ CARB, *Risk Management Guidance for Stationary Sources of Air Toxics*, July 23, 2015, p. 19, www.arb.ca.gov/toxics/rma/rmgssat.pdf.

⁴ CARB, *Overview of the Air Toxics “Hot Spots” Information and Assessment Act* <https://ww2.arb.ca.gov/overview-air-toxics-hot-spots-information-and-assessment-act>, accessed October 13, 2021.

are 25 tons per year or more as well as those facilities whose criteria pollutant emissions are 10 tons per year or more but less than 25 tons per year. Industry-wide source facilities are classified as smaller operations with relatively similar emission profiles (e.g., auto body shops, gas stations and dry cleaners using perchloroethylene). It is apparent that the emissions generated from the construction and subsequent occupancy of a mixed-use development project are not classified as core operations nor subject to industry-wide source evaluation.

The intent in developing the 2015 Guidance Manual was to provide HRA procedures for use in the Air Toxics Hot Spots Program or for the permitting of new or modified stationary sources. As noted above, the Project is not a new or modified stationary source that requires air quality permits to construct or operate. Air districts are to determine which facilities will prepare an HRA based on a prioritization process. The 2015 Guidance Manual provides recommendations related to cancer risk evaluation of short-term projects. As discussed in Section 8.2.10 of the 2015 Guidance Manual, “[t]he local air pollution control districts sometimes use the risk assessment guidelines for the Hot Spots program in permitting decisions for short-term projects such as construction or waste site remediation.” Thus, to be conservative, this HRA was prepared in part to analyze potential construction impacts, even though short-term projects that would require a permitting decision by South Coast Air Quality Management District (SCAQMD) typically would be limited to site remediation (e.g., stationary soil vapor extractors) and would not be applicable to the Project. The 2015 Guidance Manual does not provide specific recommendations for evaluation of short-term use of mobile sources (e.g., heavy-duty diesel construction equipment). In addition, potential operational impacts, despite the fact that no considered stationary source is part of the Project’s land uses, were assessed for informational purposes given the limited use of heavy-duty trucks associated with occasional moving trucks, trash trucks and delivery trucks.

OEHHA’s 2015 Guidance Manual provides Age Sensitivity Factors (ASFs) to account for potential increased sensitivity of early-in-life exposure to carcinogens. For risk assessments conducted under the auspices of AB 2588, a weighting factor is applied to all carcinogens regardless of purported mechanism of action. In comments presented to the SCAQMD Governing Board (Meeting Date: June 5, 2015, Agenda No. 28) relating to toxic air contaminant exposures under Rules 1401 (New Source Review of Toxic Air Contaminants), use of the 2015 OEHHA guidelines and their applicability for projects subject to CEQA, as they relate to the incorporation of early-life exposure adjustments, it was reported that:

The Proposed Amended Rules are separate from the CEQA significance thresholds. The Response to Comments Staff Report PAR 1401, 1401.1, 1402, and 212 A - 8 June 2015 SCAQMD staff is currently evaluating how to implement the Revised OEHHA

Guidelines under CEQA. The SCAQMD staff will evaluate a variety of options on how to evaluate health risks under the Revised OEHHA Guidelines under CEQA. The SCAQMD staff will conduct public workshops to gather input before bringing recommendations to the Governing Board.

The SCAQMD, as a commenting agency, has not conducted public workshops nor developed policy relating to the applicability of applying the 2015 OEHHA guidance for projects prepared by other public/lead agencies subject to CEQA.

To emphasize variability in methodology for conducting HRAs, regulatory agencies throughout the State of California including the Department of Toxic Substances Control (DTSC) which is charged with protecting individuals and the environment from the effects of toxic substances and responsible for assessing, investigating and evaluating sensitive receptor populations to ensure that properties are free of contamination or that health protective remediation levels are achieved have adopted the U.S. Environmental Protection Agency's (USEPA's) policy in the application of early-life exposure adjustments.

Specifically, USEPA guidance relating to the use of early life exposure adjustments (*Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F*) are considered when carcinogens act "through the mutagenic mode of action." As reported:

The Agency considered both the advantages and disadvantages of extending the recommended, age dependent adjustment factors for carcinogenic potency to carcinogenic agents for which the mode of action remains unknown. EPA recommends these factors only for carcinogens acting through a mutagenic mode of action based on a combination of analysis of available data and long-standing science policy positions that set out the Agency's overall approach to carcinogen risk assessment, e.g., the use of a linear, no threshold extrapolation procedure in the absence of data in order to be health protective. In general, the Agency prefers to rely on analyses of data rather than on general defaults. When data are available for a susceptible lifestage, they should be used directly to evaluate risks for that chemical and that lifestage on a case-by-case basis. In the case of nonmutagenic carcinogens, when the mode of action is unknown, the data were judged by EPA to be too limited and the modes of action too diverse to use this as a category for which a general default adjustment factor approach can be applied. In this situation per the Agency's *Guidelines for Carcinogen Risk Assessment*, a linear low-dose extrapolation methodology is

recommended. It is the Agency's long-standing science policy position that use of the linear low-dose extrapolation approach (without further adjustment) provides adequate public health conservatism in the absence of chemical-specific data indicating differential early-life susceptibility or when the mode of action is not mutagenicity.

In 2006, the USEPA published a memorandum which provides guidance regarding the preparation of health risk assessments should carcinogenic compounds elicit a mutagenic mode of action.⁵ As presented in the technical memorandum, numerous compounds were identified as having a mutagenic mode of action. For diesel particulates, polycyclic aromatic hydrocarbons (PAHs) and their derivatives, which are known to exhibit a mutagenic mode of action, comprise less than one percent of the exhaust particulate mass. To date, the USEPA reports that whole diesel engine exhaust has not been shown to elicit a mutagenic mode of action.⁶

Based on a review of relevant guidance on the applicability of the use of early life exposure adjustments to identified carcinogens, the use of these factors would not be applicable to this HRA as neither the Lead Agency nor SCAQMD have developed recommendations on whether these factors should be used for CEQA analyses of potential DPM construction or operational impacts. For this assessment, the HRA relied upon USEPA guidance relating to the use of early life exposure adjustment factors (Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens, EPA/630/R-003F) whereby adjustment factors are only considered when carcinogens act "through the mutagenic mode of action." Therefore, early life exposure adjustments were not considered in this HRA.

In addition, the *L.A. City CEQA Thresholds Guide* (Thresholds Guide) states that "impacts from toxic air contaminants can occur during either the construction or operational phases of a project. During certain construction activities, potential releases of toxic air contaminants could occur during site remediation activities or during building demolition. Toxic air contaminants may also be released during industrial or manufacturing processes, or other activities that involve the use, storage, processing, or disposal of toxic materials."⁷

⁵ *United States Environmental Protection Agency, 2006. Memorandum - Implementation of the Cancer Guidelines and Accompanying Supplemental Guidance - Science Policy Council Cancer Guidelines Implementation Workgroup Communication II: Performing Risk Assessments that include Carcinogens Described in the Supplemental Guidance as having a Mutagenic Mode of Action.*

⁶ *United States Environmental Protection Agency, National Center for Environmental Assessment, 2018. Integrated Risk Information System (IRIS). Diesel Engine Exhaust.*

⁷ *City of Los Angeles, CEQA Thresholds Guide, 2006, p. B.3-2.*

Importantly, note that, the Thresholds Guide does not specifically recommend an HRA for short-term DPM emissions from construction activities or for operational activities when land uses are not “industrial or manufacturing processes, or other activities that involve the use, storage, processing, or disposal of toxic materials.” The Thresholds Guide also sets forth the following factors for consideration on a case-by-case basis in making a determination of significance with regard to toxic air contaminants: the regulatory framework for the toxic material(s) and process(es) involved; the proximity of the toxic air contaminants to sensitive receptors; the quantity, volume, and toxicity of the contaminants expected to be emitted; the likelihood and potential level of exposure; and the degree to which project design will reduce the risk of exposure. Based on this information, the methodology utilized in the Draft EIR remains consistent with City of Los Angeles guidance, which indicates that preparation of an HRA was not required for the Project.

Also, CARB published and adopted the *Air Quality and Land Use Handbook: A Community Health Perspective*, which provides recommendations regarding the siting of new sensitive land uses near potential sources of air toxic emissions (e.g., freeways, distribution centers, rail yards, ports, refineries, chrome plating facilities, dry cleaners, and gasoline dispensing facilities).⁸ SCAQMD adopted similar recommendations in its *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*.⁹ Together, the CARB and SCAQMD guidelines recommend siting distances for both the development of sensitive land uses in proximity to Toxic Air Contaminates (TAC) sources and the addition of new TAC sources in proximity to existing sensitive land uses. When considering potential air quality impacts under CEQA, consideration is given to the location of sensitive receptors within close proximity of land uses that emit TACs. Both CARB and SCAQMD guidelines recommend conducting an HRA when siting new sensitive land uses (e.g., residential uses) within 500 feet of a freeway. Applied here, the Project does not site new sensitive land uses near existing sources of air toxic emissions since the Project Site is more than 500 feet from the US-101 freeway. However, the Project Site is within an area subject to Los Angeles’ ZI File No. 2427, which addresses the siting of sensitive land uses within 1,000 feet of freeways.¹⁰ The advisory does not require that a Project conduct an HRA, but does require project features (e.g., requiring all new mechanically ventilated buildings located within 1,000 feet of the freeway to install air filtration media that provides a Minimum Efficiency Reporting Value (MERV) of 13 (Ordinance 184245) to be implemented to reduce air pollution exposure and associated health risks.

⁸ CARB, *Air Quality and Land Use Handbook, a Community Health Perspective*, April 2005.

⁹ SCAQMD, *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*, May 6, 2005.

¹⁰ ZI 2427, *Freeway Adjacent Advisory Notice for Sensitive Uses*, addresses air pollution caused by freeway proximity.

The primary sources of potential air toxics associated with Project operations include DPM from delivery trucks (e.g., truck traffic on local streets and idling on adjacent streets associated with occasional moving trucks, trash trucks and delivery trucks). However, these activities, and the land uses associated with the Project, are not considered land uses that generate substantial TAC emissions based on review of the air toxic sources listed in SCAQMD's and CARB's guidelines. It should be noted that the SCAQMD recommends that HRAs be conducted for substantial individual sources of DPM (e.g., truck stops and warehouse distribution facilities that generate more than 100 trucks per day or more than 40 trucks with operating transport refrigeration units) and has provided guidance for analyzing mobile source diesel emissions.¹¹ Based on this guidance, the Project is not considered these types of land uses and is not considered to be a substantial source of operational DPM warranting a refined HRA since daily truck trips to the Project Site would not exceed 100 trucks per day or more than 40 trucks with operating transport refrigeration units. In addition, the CARB-mandated ATCM limits diesel-fueled commercial vehicles (delivery trucks) to idle for no more than 5 minutes at any given time, which would further limit diesel particulate emissions.

Although a construction and operational HRA is not required for the reasons discussed above, for informational purposes only, this HRA has been prepared to provide a good faith and reasoned response to public comments and to provide the City with additional substantial evidence that demonstrates that the Project would not create a significant health risk impact.

¹¹ SCAQMD, *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis*, 2003.

3.0 Health Risk Assessment

3.1 Project Description

The Project is a new mixed-use project (the Project) on a 6.75-acre (294,082-square-foot) site located at 5420 Sunset Boulevard (the Project Site) within the Hollywood Community Plan and Vermont/Western Station Neighborhood Area Specific Plan (Specific Plan) areas of the City of Los Angeles (City). The Project would replace an existing grocery store, vacant commercial space, fast-food restaurant, and associated parking areas within the Project Site with a new mixed-use development consisting of 735 multi-family residential units and up to 95,000 square feet of neighborhood-serving commercial uses, including market/retail and restaurant uses.

Certain activities would emit DPM from heavy-duty trucks and heavy-duty equipment used during construction and, to a lesser extent, heavy-duty delivery trucks accessing the Project Site during operation of the Project. CARB and OEHHA have classified DPM as a carcinogen. Existing nearby sensitive receptors consist of residential uses located east of the Project Site, across Serrano Avenue and north of the Project Site across Sunset Boulevard.

3.2 The Assessment Process

The risk assessment process provided in OEHHA's 2003 Guidance Manual consists of four basic steps: (1) hazard identification; (2) exposure assessment; (3) dose-response assessment; and (4) risk characterization.¹² In the first step, hazard identification involves determining the potential health effect which may be associated with emitted pollutants. The purpose is to identify qualitatively whether a pollutant is a potential human carcinogen or is associated with other types of adverse health effects. Depending on the chemical, these health effects may include short-term ailments or chronic diseases. The dose-response assessment is designed to characterize the relationship between the amount or dose of a chemical and its toxicological effect on the human body. Responses to toxic chemicals will vary depending on the amount and length of exposure. For example, short-term exposure to low concentrations of chemicals may produce no noticeable effect, but continued exposure to the same levels of chemicals over a long

¹² *Office of Environmental Health Hazard Assessment, The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments, August 2003, Page 1-6.*

period of time may eventually cause harm. The purpose of the exposure assessment is to estimate the extent of exposure to each substance for which risk will be evaluated. This involves emission quantification, modeling of environmental transport, identification of chemicals of concern, identification of exposure routes, identification of exposed populations, and estimation of long-term exposure levels. Risk characterization is an integration of the health effects and public exposure information developed for emitted pollutants to provide a quantitative probability of adverse health effects.

3.3 Source Identification and Characterization

3.3.1 Source Identification

As indicated above, the primary source of potential air toxics associated with the Project is DPM from heavy-duty trucks and heavy-duty construction equipment used during construction and to a lesser extent heavy-duty trucks accessing the Project Site during operation of the Project associated with occasional moving trucks, trash trucks and delivery trucks and an emergency generator. The SCAQMD recommends that an HRA be conducted for substantial sources of long-term DPM operational sources (e.g., truck stops and warehouse distribution facilities) and has provided guidance for analyzing mobile source diesel emissions.¹³ While Project construction and operation would not represent a long-term source of DPM emissions¹⁴, the SCAQMD Guidance was used for purposes of modeling parameters and assumptions.

3.3.2 Source Characterization

Construction

Project construction would commence with demolition of the existing uses, followed by grading and excavation for the subterranean parking garage. Building foundations would then be placed, followed by building construction, paving/concrete installation, and landscape installation. Project construction is anticipated to occur over approximately 48 months. It is estimated that approximately 380,000 cubic yards (cy) of soil would be hauled from the Project Site during the grading and excavation phase.

Total DPM emissions over the duration of Project construction were calculated using the SCAQMD recommended California Emissions Estimator Model (CalEEMod) and

¹³ SCAQMD, *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Emissions*, August 2003.

¹⁴ *Project construction is short term—48 months. Moreover, the Project is residential, retail and supermarket uses, none of which are associated with significant heavy-duty truck use or significant DPM emissions.*

consistent with the methodology for calculating criteria pollutant emissions provided in Section IV.A, Air Quality, of the Draft EIR. The calculations of the emissions generated during Project construction activities reflect the types and quantities of construction equipment and haul trucks that would be used to complete the proposed construction activities. As the assumptions used in the air quality analysis were developed to characterize a worst-case peak day of construction by phase, equipment usage assumptions were modified to reflect average daily use.

CalEEMod calculates annual emissions based on worst-case conditions occurring on a daily basis. This scenario would not represent real world conditions as construction activities and equipment would not be expected to operate at 100 percent on an average daily basis. Construction surveys prepared for CARB have documented that on a typical construction site, daily average equipment hours range from 2 to 7.5 hours depending on the type of equipment.¹⁵ Therefore, an adjustment was taken into account which assumes that annual average emissions would conservatively represent 80 percent of a worst-case day.

DPM emissions were calculated using the Sunset and Western Mixed-Use Project – with mitigation CalEEMod output file provided in Appendix B, Air Quality and Greenhouse Gas Emissions, of the Draft EIR. It was assumed that all on-site (e.g., off-road equipment) equipment would be diesel and, therefore, on-site exhaust PM₁₀ emissions provided in the Draft EIR CalEEMod output file were included in this HRA as DPM. The Draft EIR CalEEMod output file is provided in Appendix A of this HRA.

Operation

As discussed above, the Project would include up to 735 multi-family residential units consisting of 275 studio units, 307 one-bedroom units, and 153 two-bedroom units and up to 95,000 square feet of neighborhood-serving commercial uses, including market/retail and restaurant uses for a total new floor area of approximately 781,450 square feet. A conservative estimate of the number of daily truck trips is provided below based on the National Cooperative Highway Research Program (NCHRP) Truck Trip Generation Data and Transportation Northwest Truck Trip Generation by Grocery Stores.^{16,17}

- Table D-2c of the NCHRP data (Trip Generation Summary—Daily Commercial Vehicle Trips per 1,000 sf of Building Space for Retail (includes restaurants))

¹⁵ California Air Resources Board, *Characterization of the Off-Road Equipment Population*, December 2008.

¹⁶ National Cooperative Highway Research Program (NCHRP) *Synthesis 298 Truck Trip Generation Data*, 2001.

¹⁷ *Transportation Northwest, Truck Trip Generation by Grocery Stores, Final Report TNW2010-04, August 2010.*

provides an average of 0.324 truck trips per 1,000 sf or approximately 8.4 truck trips per day for the Project's retail/restaurant uses. This assumes that all trucks would be diesel even though many retail/restaurant truck deliveries are from smaller gasoline or alternative energy source trucks (e.g., UPS or FedEx). It was assumed that one of the trucks per day would be equipped with transportation refrigeration units (TRUs) related to the restaurant use.

- Table D-2e of the NCHRP data (Trip Generation Summary—Daily Commercial Vehicle Trips per 1,000 sf of Building Space for Other Land Uses (includes housing)) provides a rate of 0.011 truck trips per 1,000 sf or approximately 8.7 truck trips per day for the Project's residential uses. It is conservatively assumed that all of these delivery trucks would be heavy-duty diesel trucks even though many residential truck deliveries are from smaller gasoline or alternative energy source trucks (e.g., UPS or FedEx).
- Supermarket: Findings from the Grocery Store Study show that grocery stores in the study generated an average of 18 trucks trip per day on a typical peak weekday. It was assumed that five of the trucks per day would be equipped with transportation refrigeration units (TRUs).

Accordingly, the Project is conservatively estimated to generate approximately 35 trucks per day during operation.

Emissions from transportation refrigeration units (TRUs) were estimated using the CARB Draft 2019 Emissions Inventory for Transportation Refrigeration Units.¹⁸ Emissions from delivery trucks travelling to and from the Project Site as well as idling were estimated using the CARB EMFAC2021 model. Trucks travelling to/from the loading docks generate emissions through truck engine idling, TRU operation and travelling.

Importantly, note that, with respect to truck emissions associated with the operation of projects, the SCAQMD recommends that HRAs be conducted for substantial sources of DPM for developments that include truck stops and warehouse distribution facilities that generate more than 100 trucks per day or more than 40 trucks with operating TRUs. In other words, SCAQMD has identified an amount of truck trips per day that could warrant conducting an HRA to analyze emissions and health risks. Projects with truck trips below the aforementioned amounts should not be considered a substantial source of DPM and HRAs are neither recommended nor required by the applicable regulatory documents.

¹⁸ California Air Resources Board, *Draft 2019 Update to Emissions Inventory for Transportation Refrigeration Units*, October 2019.

Specifically, the Project is not considered to be a substantial source of operational DPM warranting an HRA because there are only 35 daily truck trips to the Project Site, which is far below the either more-than-100-trucks-per-day or more-than-40-TRU-trucks-per-day that indicate when a project could be considered a substantial DPM source. Nonetheless, operational health risks from use of operational delivery trucks for the Project was evaluated for informational purposes and included in this HRA.

Note also that, based on SCAQMD guidance, there is no quantitative analysis required for future cancer risk within the vicinity of the Project because it is consistent with the recommendations regarding the siting of new sensitive land uses near potential sources of TAC emissions provided in the SCAQMD Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning.

3.3.3 Baseline and Identification of Chemicals of Concern

The Draft EIR identified the baseline of conditions around the Project Site and the ambient levels of TACs. The SCAQMD released the fourth round of its Basin-wide Multiple Air Toxics Exposure Study (MATES IV – Final Report) in May 2015.¹⁸ MATES IV estimated the cancer risk from TAC emissions throughout the Basin by conducting a monitoring program, an updated emissions inventory of TACs, and a modeling effort to characterize health risks in the air basin. As part of MATES IV, the SCAQMD prepared an interactive map that shows estimates of cancer risks in the Basin from ambient levels of TACs based on the modeling effort to provide insight into relative risks. The map reports estimated cancer risks for discrete two-kilometer-by-two-kilometer grid cells. The cancer risk estimates reported there should not be interpreted as actual rates of disease in the exposed population, but rather as estimates of potential risk, based on a number of conservative assumptions. In general, MATES IV indicates that the highest cancer risks from TACs are found near shipping ports, goods movement sources, and near freeways and other transportation corridors. The central portion of Los Angeles falls in an estimated range of 1,001 to 1,200 risks per one million. The Project Site falls in an estimated range of 1,001-1,200 risks per one million. A figure in Appendix E to this HRA shows the MATES IV Total Cancer Risk around Project Site. Compared to previous studies of air toxics in the Basin, the MATES IV study found decreasing air toxics exposure from the analysis done in the MATES III time period.

This HRA identifies the baseline condition and also identifies the actual additional risks due to certain emissions associated with the Project. Note that, as discussed above, the CAPCOA regulatory guidance adopted at the time the Draft EIR was prepared indicates that HRAs should assess Type A (toxic emissions) and Type B (placing receptors near existing toxic sources) projects with within the CEQA context. This HRA presents the incremental health risks analysis even though the Project does not squarely qualify as

either a Type A or Type B project. Accordingly, this voluntary HRA analysis is informational, and further informs the public and decision makers, but is not required pursuant to the laws in effect when the Draft EIR was prepared. Nonetheless, this HRA quantitatively evaluated DPM as a chemical of concern for potential health effects in two categories, carcinogenic and non-carcinogenic.

3.4 Exposure Quantification

Consistent with SCAQMD's Localized Significance Threshold Methodology (LST Guidelines), this HRA used USEPA's Regulatory Model AERMOD to assess the downwind extent of DPM concentrations from proposed construction and operational activities.¹⁹ AERMOD accounts for a variety of refined, site-specific conditions that facilitate an accurate assessment of Project impacts. AERMOD's air dispersion algorithms are based upon a planetary boundary layer turbulence structure and scaling concepts, including the treatment of surface and elevated sources in simple and complex terrain.

Exhaust emissions from construction and operational equipment were treated as a set of side-by-side elevated volume sources. The release height was assumed to be 12 feet. This represents the mid-range of the expected plume rise from frequently used construction equipment and operational heavy-duty trucks during daytime atmospheric conditions. All construction exhaust emissions were assumed to take place over a 48-month (4 year) duration on weekdays between 7 A.M. to 3 P.M. (8-hour period). Operational exhaust emissions were assumed to take place 6-days per week between 7 A.M. to 3 P.M. (8-hour period) and included 15 minutes of idle time to account for ingress, egress, and travel on-site.²⁰

Emergency generator emissions were assumed to take place for up to 200 hours per year. Operating hours were assumed to occur at any time of the year (24-hours a day). The release height was assumed to be 15 feet high, with a stack diameter of 6 inches, and an exit temperature of 852°F or 455°C.

Air dispersion models require additional input parameters including local meteorology and receptors. Due to the sensitivity to individual meteorological parameters such as wind speed and direction, the USEPA recommends that meteorological data used as input into dispersion models be selected on the basis of relative spatial and temporal

¹⁹ SCAQMD, *Final-Localized Significance Threshold Methodology*, 2008.

²⁰ SCAQMD, *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis*, 2003, www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis.

conditions that exist in the area of concern. In response to this recommendation, meteorological data from the SCAQMD Downtown Los Angeles monitoring station (Source Receptor Area 1) were used to represent local weather conditions and prevailing winds.

Cartesian receptor grids were used to represent adjacent and nearby sensitive land uses. The Cartesian receptor grids were placed at each sensitive use with a built in 10 meter spacing for the nearby residential uses. All receptors were placed at ground level, which is recommended by SCAQMD for AERMOD modeling. Elevations for both sources and receptors were provided by the U.S. Geological Survey (USGS) and included using the AERMOD terrain processor AERMAP.

DPM modeled concentrations were used to calculate cancer risk and chronic hazard index at each relevant receptor. A graphical representation of the source-receptor grid network is presented in Appendix C.

3.5 Risk Characterization

3.5.1 Carcinogenic Chemical Risk

Health risks associated with exposure to carcinogenic compounds at sensitive land uses in close proximity to the Project can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying the chemical's annual concentration by its unit risk factor (URF). The URF is a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It represents an upper bound estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu\text{g}/\text{m}^3$) over a 70-year lifetime. The SCAQMD recommends a threshold of ten in one million cancer risk for evaluating carcinogenic impacts at sensitive receptors.²¹

The equation used to calculate the potential excess cancer risk is:

$$\text{Risk}_i = C_i \times \text{CP}_i \times \text{DBR} \times \text{EVF}$$

Where:

²¹ South Coast Air Quality Management District, *Air Quality Significance Thresholds*, April 2019.

$Risk_i$ = Lifetime Excess Cancer Risk from exposure to chemical_i
 C_i = Representative Air Concentration for chemical_i ($\mu\text{g}/\text{m}^3$)
 CP_i = Cancer Potency_i ($\text{mg}/\text{kg}\text{-day}$)⁻¹
 DBR = Daily Breathing Rate (L/kg body weight-day)
 EVF = Exposure Value Factor (unitless)

An estimate of an individual's incremental excess cancer risk from exposure to Project construction and operational DPM emissions is calculated by summing the chemical-specific excess cancer risks. In addition, cancer risk is evaluated based on the duration on which a sensitive receptor is exposed to DPM (exposure duration). Based on OEHHA guidelines, it is recommended that cancer risk analyses assume an exposure duration of 70-years for residential receptors.²² The exposure duration takes into account the construction duration of 48 months during construction, and operational emissions occurring each year.

3.5.2 Non-Carcinogenic Chemical Risk

The potential for chronic non-carcinogenic health effects is evaluated by calculating the total hazard index (HI) for the Project construction and operational DPM emissions. This HI represents the sum of the hazard quotients (HQs) developed for each individual project-related chemical, where a HQ is the ratio of the representative air concentration of the chemical to the chemical specific non-cancer Reference Exposure Level (REL). The non-cancer RELs represent the daily average exposure concentration at (or below) which no adverse health effects are anticipated.

The equations used to calculate the chemical-specific HQs and HIs are:

$$\begin{aligned}
 HQ_i &= C_i/REL_i \\
 HI &= \sum HQ_i
 \end{aligned}$$

Where:

HQ_i = Hazard Quotient for chemical_i
 C_i = Average Daily Air Concentration for chemical_i ($\mu\text{g}/\text{m}^3$)
 REL_i = Noncancer Reference Exposure Level for chemical_i ($\mu\text{g}/\text{m}^3$)
 HI = Hazard Index

The SCAQMD recommends that the non-carcinogenic hazards of toxic air contaminants should not exceed a hazard index of 1.0 for either chronic or acute effects.²³

²² Office of Environmental Health and Hazard Assessment, *Air Toxics Hot Spots Program Risk Assessment Guidelines*, August 2003

²³ South Coast Air Quality Management District, *Air Quality Significance Thresholds*, April 2019.

Acute effects are due to short-term exposure, while chronic effects are due to long-term exposure to a substance. For chronic and acute risks, the hazard index is calculated as the summation of the hazard quotients for all chemicals to which an individual would be exposed. The acute hazard index was not quantified since an inhalation REL has not been determined by the OEHHA for DPM at the time of preparation of this HRA or the Draft EIR.

3.6 Conclusions

The results from the health risk calculations provide an estimate of the potential risks and hazards to individuals through inhalation of Project construction DPM emissions over a 48-month duration. Consistent with OEHHA guidelines, health risk impacts from Project operational DPM emissions were assessed over a 70-year exposure duration for residential receptors. The estimated risks and hazards include: lifetime excess cancer risk estimates, and cumulative chronic HI estimates for the receptor locations of concern.

As shown in Appendix B and in Table 1 on page 18, the results of the HRA yields a maximum off-site individual cancer risk of 6.9 in a million for residential uses located east of the Project site. The maximum chronic risk of 0.023 occurs within this same residential receptor area. As the Project would not emit carcinogenic or toxic air contaminants that result in impacts which exceed the maximum individual cancer risk of ten in one million or the chronic index of 1.0, Project-related toxic emission impacts would be less than significant.

Table 1
Health Risk Assessment (Combined Construction and Operational Emissions)

Risk	Significance Threshold	Calculated Risk	Significant Impact
Cancer Risk (Resident)	10 in 1 Million	6.93E-06 which denotes excess cases of cancer of 6.9 in one million	No
Non-Carcinogenic Risk (Maximum)	Chronic Index (HI) of 1.0	2.3E-02 which denotes an HI of 0.023	No

4.0 Uncertainty Assessment

Evaluating carcinogenic pollutant concentrations based on OEHHA methodology and SCAQMD Guidance has an implied uncertainty. These methodologies were developed to provide a conservative health risk estimate. The conservative nature of this methodology relies on a number of inputs designed to prevent an underestimation of risk. The following discusses the conservative nature of the risk assessment analysis assumptions utilized in this analysis.

The cancer risk from DPM occurs mainly through inhalation. Output from the dispersion analysis was used to estimate the DPM concentrations. The cancer risk estimate is then calculated based on those estimated DPM concentrations using the risk methodology promulgated by OEHHA. The risk assessment guidelines established by SCAQMD and included in the analysis are designed to produce conservative (high) estimates of the risk posed by DPM, due to the following factors:

- As a conservative measure, the SCAQMD does not recognize indoor adjustments for residential uses. However, studies have shown that the typical person spends approximately 87 percent of their time indoors, 5 percent of their time outdoors, and 7 percent of their time in vehicles. A DPM exposure assessment showed that an average indoor concentration was 2.0 $\mu\text{g}/\text{m}^3$, compared with an outdoor concentration of 3.0 $\mu\text{g}/\text{m}^3$.²⁴
- OEHHA has a toxicity database that lists TACs and their URFs. A URF describes the cancer potency of a particular TAC and is used to estimate cancer risk.⁴ Most of these URFs are extrapolated from animal studies based on continuous exposure to particular toxin. This method can have some significant uncertainties. For example, a chemical that is carcinogenic by one route of exposure is considered to be carcinogenic for all routes of exposure at its maximum potency. Also, it is not realistic for a receptor to be exposed to a continuous concentration of TACs over time. In reality, receptors are exposed to constantly changing concentration levels that would expose receptors to lower levels of TACs over time than analyzed in this analysis.
- The use of the SCAQMD meteorological data set and conservative exposure assumptions (e.g., assumes receptor would be located outside in the same location 24 hours per day for the entire construction duration) amongst others, likely also lead to overestimated risks.

²⁴ South Coast Air Quality Management District, *Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Emissions*, 2002.

As such, uncertainty in the health risk analysis is conservative in nature and is designed to prevent undisclosed impacts to human health. Concentrations reported in this report represent a conservative scenario that is likely an over estimation of actual pollutant concentrations.

Appendix A

Emissions Calculations

5420 Sunset

Construction Emissions (Annual Diesel Particulate Matter)

CalEEMod Output (tons/year)

Phase No.	Phase	Year	Mitigated	On/Off Site	Category	Exhaust PM10
2	Demolition	2022	Unmitigated	On-site	Off-Road	0.0184
3	Grading	2022	Mitigated	On-site	Off-Road	0.00595
3	Grading	2023	Mitigated	On-site	Off-Road	0.00106
4	Mat Foundation	2023	Unmitigated	On-site	Off-Road	0.0115
5	Concrete	2023	Unmitigated	On-site	Off-Road	0.0579
6	Building Construction	2023	Unmitigated	On-site	Off-Road	0.0215
6	Building Construction	2024	Unmitigated	On-site	Off-Road	0.1225
6	Building Construction	2025	Unmitigated	On-site	Off-Road	0.0877
7	Building Construction	2024	Unmitigated	On-site	Off-Road	0.0154
7	Building Construction	2025	Unmitigated	On-site	Off-Road	0.0405
7	Building Construction	2026	Unmitigated	On-site	Off-Road	0.0135
8	Architectural Coating	2025	Unmitigated	On-site	Off-Road	0
8	Architectural Coating	2026	Unmitigated	On-site	Off-Road	0
9	Paving	2026	Unmitigated	On-site	Off-Road	0.0123

Annual Totals (tons)

Daily Max to Annual Ratio	80%
Year	Totals (tons/year)
2022	0.0195
2023	0.0736
2024	0.1103
2025	0.1026
2026	0.0206
Total	0.3266
Construction Duration (years)	4
Hours per Day	8
Seconds per Day	28,800
Construction Duration (seconds)	42,048,000
Annual Average Emission Rate (g/s)	0.0070

Sunset and Western Construction (Localized) - South Coast Air Basin, Annual

Sunset and Western Construction (Localized)
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	1,419.00	Space	0.00	567,600.00	0
Apartments High Rise	735.00	Dwelling Unit	6.75	787,250.00	2102
Strip Mall	36.00	1000sqft	0.83	36,000.00	0
Supermarket	59.10	1000sqft	0.00	59,100.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2026
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see assumptions

Construction Phase - Project Specific Construction Schedule (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment -

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Off-road Equipment - Project Specific Construction Equipment Mix (See AQ Appendix)

Trips and VMT - Project Specific Construction Trips (See AQ Appendix) Onsite activity (0.25 miles)

Demolition -

Grading -

Architectural Coating -

Construction Off-road Equipment Mitigation - Tier IV Offroad Equipment for Grading/Excavation Phase.

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

5420 Sunset
Annual Onsite Construction Emission

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	230.00	19.00
tblConstructionPhase	NumDays	230.00	178.00
tblConstructionPhase	NumDays	230.00	522.00
tblConstructionPhase	NumDays	230.00	433.00
tblConstructionPhase	NumDays	20.00	44.00
tblConstructionPhase	NumDays	20.00	154.00
tblConstructionPhase	NumDays	20.00	65.00
tblGrading	MaterialExported	0.00	380,000.00
tblLandUse	LandUseSquareFeet	735,000.00	787,250.00
tblLandUse	LotAcreage	12.77	0.00
tblLandUse	LotAcreage	11.85	6.75
tblLandUse	LotAcreage	1.36	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00

5420 Sunset
Annual Onsite Construction Emission

tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblOnRoadDust	MeanVehicleSpeed	40.00	15.00
tblTripsAndVMT	HaulingTripLength	20.00	550.00
tblTripsAndVMT	HaulingTripLength	20.00	13,860.00
tblTripsAndVMT	HaulingTripNumber	1,400.00	1.00
tblTripsAndVMT	HaulingTripNumber	47,500.00	1.00
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripLength	6.90	0.25
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	187.00	700.00
tblTripsAndVMT	VendorTripNumber	187.00	400.00
tblTripsAndVMT	VendorTripNumber	187.00	110.00
tblTripsAndVMT	VendorTripNumber	187.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripLength	14.70	0.25
tblTripsAndVMT	WorkerTripNumber	23.00	100.00
tblTripsAndVMT	WorkerTripNumber	28.00	64.00
tblTripsAndVMT	WorkerTripNumber	798.00	100.00
tblTripsAndVMT	WorkerTripNumber	798.00	100.00
tblTripsAndVMT	WorkerTripNumber	798.00	100.00
tblTripsAndVMT	WorkerTripNumber	798.00	1,000.00
tblTripsAndVMT	WorkerTripNumber	160.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00

2.0 Emissions Summary

2.1 Overall Construction
Unmitigated Construction

5420 Sunset
Annual Onsite Construction Emission

	ROG	NOx	CO	SO2	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						
2022						0.1111	0.6899										
2023						0.1060	0.2152										
2024						0.1385	0.1535										
2025						0.1295	0.1616										
2026						0.0262	0.0353										
Maximum						0.1385	0.6899										

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						
2022						0.0172	0.2499										
2023						0.0383	0.0921										
2024						0.1041	0.1191										
2025						0.1049	0.1371										
2026						0.0262	0.0353										
Maximum						0.1049	0.2499										

	ROG	NOx	CO	SO2	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	43.14	49.55	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)
			Highest	

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	5/1/2022	6/30/2022	5	44	
2	Grading	Grading	7/1/2022	2/1/2023	5	154	
3	Mat Foundation	Building Construction	2/2/2023	2/28/2023	5	19	
4	Concrete - Foundation to Grade	Building Construction	3/1/2023	11/3/2023	5	178	
5	Building Construction - Structure, Shell, Exterior	Building Construction	11/4/2023	11/4/2025	5	522	
6	Building Construction - Finishing	Building Construction	9/4/2024	5/1/2026	5	433	
7	Architectural Coating	Architectural Coating	5/4/2025	5/4/2026	5	26	

5420 Sunset
Annual Onsite Construction Emission

8	Paving	Paving	2/1/2026	5/1/2026	5	65
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,594,181; Residential Outdoor: 531,394; Non-Residential Indoor: 142,650; Non-Residential Outdoor: 47,550; Striped

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	2	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Other Construction Equipment	1	2.00	172	0.42
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Skid Steer Loaders	1	8.00	65	0.37
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading	Bore/Drill Rigs	2	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	3	8.00	158	0.38
Grading	Generator Sets	1	8.00	84	0.74
Grading	Graders	0	8.00	187	0.41
Grading	Other Construction Equipment	1	2.00	172	0.42
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cranes	0	7.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	1	8.00	84	0.74
Mat Foundation	Plate Compactors	5	12.00	8	0.43
Mat Foundation	Pumps	5	12.00	84	0.74
Mat Foundation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Mat Foundation	Welders	0	8.00	46	0.45
Concrete - Foundation to Grade	Cranes	0	7.00	231	0.29
Concrete - Foundation to Grade	Forklifts	3	8.00	89	0.20
Concrete - Foundation to Grade	Generator Sets	1	8.00	84	0.74
Concrete - Foundation to Grade	Plate Compactors	2	8.00	8	0.43
Concrete - Foundation to Grade	Pumps	2	8.00	84	0.74
Concrete - Foundation to Grade	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Concrete - Foundation to Grade	Welders	1	8.00	46	0.45
Building Construction - Structure, Shell, Exterior	Aerial Lifts	3	8.00	63	0.31
Building Construction - Structure, Shell, Exterior	Air Compressors	3	8.00	78	0.48
Building Construction - Structure, Shell, Exterior	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction - Structure, Shell, Exterior	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction - Structure, Shell, Exterior	Cranes	0	7.00	231	0.29
Building Construction - Structure, Shell, Exterior	Forklifts	3	8.00	89	0.20

5420 Sunset
Annual Onsite Construction Emission

Building Construction - Structure, Shell, Exterior	Generator Sets	1	8.00	84	0.74
Building Construction - Structure, Shell, Exterior	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Structure, Shell, Exterior	Welders	3	8.00	46	0.45
Building Construction - Finishing	Aerial Lifts	4	8.00	63	0.31
Building Construction - Finishing	Air Compressors	4	8.00	78	0.48
Building Construction - Finishing	Cranes	0	7.00	231	0.29
Building Construction - Finishing	Forklifts	0	8.00	89	0.20
Building Construction - Finishing	Generator Sets	0	8.00	84	0.74
Building Construction - Finishing	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction - Finishing	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Trenchers	1	8.00	78	0.50

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	9	100.00	0.00	1.00	0.25	6.90	550.00	LD_Mix	HDT_Mix	HHDT
Grading	11	64.00	10.00	1.00	0.25	6.90	13,860.00	LD_Mix	HDT_Mix	HHDT
Mat Foundation	11	100.00	700.00	0.00	0.25	0.25	20.00	LD_Mix	HHDT	HHDT
Concrete - Foundation In Grade	9	100.00	400.00	0.00	0.25	0.25	20.00	LD_Mix	HHDT	HHDT
Building Construction - Structure, Shell	17	100.00	110.00	0.00	0.25	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Finishing	8	1,000.00	40.00	0.00	0.25	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	0.25	0.25	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	20.00	8.00	0.00	0.25	0.25	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment
Water Exposed Area

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust						0.0000	0.1515									
Off-Road						0.0184	0.0184									
Total						0.0184	0.1699									

Unmitigated Construction Off-Site

5420 Sunset
Annual Onsite Construction Emission

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling						1.0000e-005	2.5000e-004										
Vendor						0.0000	0.0000										
Worker						2.0000e-005	4.5000e-004										
Total						3.0000e-005	7.0000e-004										

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	0.0591										
Off-Road						0.0109	0.0109										
Total						0.0109	0.0700										

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling						1.0000e-005	2.5000e-004										
Vendor						0.0000	0.0000										
Worker						2.0000e-005	4.5000e-004										
Total						3.0000e-005	7.0000e-004										

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust						0.0000	0.4159										
Off-Road						0.0924	0.0924										
Total						0.0924	0.5083										

5420 Sunset
Annual Onsite Construction Emission

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						2.0000e-004	5.9300e-003										
Vendor						1.1000e-004	4.2400e-003										
Worker						3.0000e-005	8.5000e-004										
Total						3.4000e-004	0.0110										

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	0.1622										
Off-Road						5.9500e-003	5.9500e-003										
Total						5.9500e-003	0.1682										

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						2.0000e-004	5.9300e-003										
Vendor						1.1000e-004	4.2400e-003										
Worker						3.0000e-005	8.5000e-004										
Total						3.4000e-004	0.0110										

3.3 Grading - 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	0.0907										

5420 Sunset
Annual Onsite Construction Emission

Off-Road						0.0138	0.0138										
Total						0.0138	0.1046										

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling						1.0000e-005	4.7200e-003										
Vendor						1.0000e-005	7.3000e-004										
Worker						1.0000e-005	1.5000e-004										
Total						3.0000e-005	5.6000e-003										

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust						0.0000	0.0354										
Off-Road						1.0600e-003	1.0600e-003										
Total						1.0600e-003	0.0365										

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling						1.0000e-005	4.7200e-003										
Vendor						1.0000e-005	7.3000e-004										
Worker						1.0000e-005	1.5000e-004										
Total						3.0000e-005	5.6000e-003										

3.4 Mat Foundation - 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
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5420 Sunset
Annual Onsite Construction Emission

Category	tons/yr										MT/yr									
Off-Road							0.0115	0.0115												
Total							0.0115	0.0115												

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									
Vendor							1.7000e-004	1.7400e-003									
Worker							1.0000e-005	1.9000e-004									
Total							1.8000e-004	1.9300e-003									

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road							1.4000e-003	1.4000e-003									
Total							1.4000e-003	1.4000e-003									

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									
Vendor							1.7000e-004	1.7400e-003									
Worker							1.0000e-005	1.9000e-004									
Total							1.8000e-004	1.9300e-003									

3.5 Concrete - Foundation to Grade - 2023

Unmitigated Construction On-Site

5420 Sunset
Annual Onsite Construction Emission

	ROG	NOx	CO	SO2	Fugitive 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						0.0579	0.0579										
Total						0.0579	0.0579										

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										
Vendor						9.2000e-004	9.3100e-003										
Worker						6.0000e-005	1.8100e-003										
Total						9.8000e-004	0.0111										

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						0.0192	0.0192										
Total						0.0192	0.0192										

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										
Vendor						9.2000e-004	9.3100e-003										
Worker						6.0000e-005	1.8100e-003										
Total						9.8000e-004	0.0111										

5420 Sunset
Annual Onsite Construction Emission

3.6 Building Construction - Structure, Shell, Exterior - 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						0.0215	0.0215										
Total						0.0215	0.0215										

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									
Vendor						3.0000e-005	5.9000e-004									
Worker						1.0000e-005	4.1000e-004									
Total						4.0000e-005	1.0000e-003									

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road						0.0154	0.0154									
Total						0.0154	0.0154									

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									
Vendor						3.0000e-005	5.9000e-004									

5420 Sunset
Annual Onsite Construction Emission

Worker						1.0000e-005	4.1000e-004										
Total						4.0000e-005	1.0000e-003										

3.6 Building Construction - Structure, Shell, Exterior - 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						0.1225	0.1225										
Total						0.1225	0.1225										

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										
Vendor						2.0000e-004	3.8500e-003										
Worker						9.0000e-005	2.6700e-003										
Total						2.9000e-004	6.5200e-003										

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road						0.0881	0.0881										
Total						0.0881	0.0881										

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					

5420 Sunset
Annual Onsite Construction Emission

Hauling						0.0000	0.0000										
Vendor						2.0000e-004	3.8500e-003										
Worker						9.0000e-005	2.6700e-003										
Total						2.9000e-004	6.5200e-003										

3.6 Building Construction - Structure, Shell, Exterior - 2025

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						0.0877	0.0877										
Total						0.0877	0.0877										

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										
Vendor						1.5000e-004	3.2200e-003										
Worker						8.0000e-005	2.2400e-003										
Total						2.3000e-004	5.4600e-003										

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road						0.0632	0.0632										
Total						0.0632	0.0632										

Mitigated Construction Off-Site

5420 Sunset
Annual Onsite Construction Emission

	ROG	NOx	CO	SO2	Fugitive 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										
Vendor						1.5000e-004	3.2200e-003										
Worker						8.0000e-005	2.2400e-003										
Total						2.3000e-004	5.4600e-003										

3.7 Building Construction - Finishing - 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						0.0154	0.0154										
Total						0.0154	0.0154										

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										
Vendor						2.0000e-005	4.5000e-004										
Worker						3.1000e-004	8.6500e-003										
Total						3.3000e-004	9.1000e-003										

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road						0.0154	0.0154										
Total						0.0154	0.0154										

5420 Sunset
Annual Onsite Construction Emission

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										
Vendor						2.0000e-005	4.5000e-004										
Worker						3.1000e-004	8.6500e-003										
Total						3.3000e-004	9.1000e-003										

3.7 Building Construction - Finishing - 2025

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						0.0405	0.0405										
Total						0.0405	0.0405										

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										
Vendor						7.0000e-005	1.3900e-003										
Worker						9.3000e-004	0.0265										
Total						1.0000e-003	0.0279										

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						0.0405	0.0405										
Total						0.0405	0.0405										

5420 Sunset
Annual Onsite Construction Emission

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										
Vendor						7.0000e-005	1.3900e-003										
Worker						9.3000e-004	0.0265										
Total						1.0000e-003	0.0279										

3.7 Building Construction - Finishing - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road						0.0135	0.0135										
Total						0.0135	0.0135										

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										
Vendor						2.0000e-005	4.6000e-004										
Worker						3.0000e-004	8.8400e-003										
Total						3.2000e-004	9.3000e-003										

Mitigated Construction On-Site

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

5420 Sunset
Annual Onsite Construction Emission

Off-Road						0.0135	0.0135										
Total						0.0135	0.0135										

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										
Vendor						2.0000e-005	4.6000e-004										
Worker						3.0000e-004	8.8400e-003										
Total						3.2000e-004	9.3000e-003										

3.8 Architectural Coating - 2025

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						0.0000	0.0000										
Off-Road						0.0000	0.0000										
Total						0.0000	0.0000										

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										
Vendor						0.0000	0.0000										
Worker						0.0000	0.0000										
Total						0.0000	0.0000										

Mitigated Construction On-Site

5420 Sunset
Annual Onsite Construction Emission

	ROG	NOx	CO	SO2	Fugitive 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						0.0000	0.0000										
Off-Road						0.0000	0.0000										
Total						0.0000	0.0000										

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										
Vendor						0.0000	0.0000										
Worker						0.0000	0.0000										
Total						0.0000	0.0000										

3.8 Architectural Coating - 2026

Unmitigated Construction On-Site

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

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										
Vendor						0.0000	0.0000										
Worker						0.0000	0.0000										
Total						0.0000	0.0000										

5420 Sunset
Annual Onsite Construction Emission

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						0.0000	0.0000										
Off-Road						0.0000	0.0000										
Total						0.0000	0.0000										

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										
Vendor						0.0000	0.0000										
Worker						0.0000	0.0000										
Total						0.0000	0.0000										

3.9 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road						0.0123	0.0123										
Paving						0.0000	0.0000										
Total						0.0123	0.0123										

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										
Vendor						0.0000	7.0000e-005										
Worker						0.0000	1.3000e-004										

5420 Sunset
Annual Onsite Construction Emission

Total						0.0000	2.0000e-004											
-------	--	--	--	--	--	--------	-------------	--	--	--	--	--	--	--	--	--	--	--

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						0.0123	0.0123										
Paving						0.0000	0.0000										
Total						0.0123	0.0123										

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									
Vendor						0.0000	7.0000e-005									
Worker						0.0000	1.3000e-004									
Total						0.0000	2.0000e-004									

US EPA Tier 4 Construction Equipment Availability

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory
 Region Type: County
 Region: Los Angeles
 Calendar Year: 2022
 Scenario: All Adopted Rules - Exhaust
 Vehicle Classification: OFFROAD2021 Equipment Types

Tier 4 Equipment (Los Angeles County, Year 2022)

Equipment Type	Tier IV	Tier IV	Tier IV	Tier IV	Tier IV	Total Population	Total Equipment	Percent of Total
	(kW<37)	(kW<56)	(kW<130)	(kW<560)	(kW>560)	Tier IV	Population	Equipment Meeting Tier IV in Year 2022
Construction and Mining - Bore/Drill Rigs	0	7	31	53	26	116	209	56%
Construction and Mining - Cranes	0	1	31	131	68	231	629	37%
Construction and Mining - Crawler Tractors	0	6	129	164	136	435	1159	38%
Construction and Mining - Excavators	0	348	243	562	278	1432	2253	64%
Construction and Mining - Graders		3	23	231	1	257	728	35%
Construction and Mining - Misc - Asphalt Pavers		11	5			17	26	63%
Construction and Mining - Misc - Bore/Drill Rigs		3	14	3		21	35	58%
Construction and Mining - Misc - Cement And Mortar Mixers						0	201	0%
Construction and Mining - Misc - Concrete/Industrial Saws		26	11			36	68	53%
Construction and Mining - Misc - Cranes		4	7	0		11	18	62%
Construction and Mining - Misc - Crushing/Proc. Equipment						0	0	0%
Construction and Mining - Misc - Dumpers/Tenders	369		3			371	469	79%
Construction and Mining - Misc - Excavators						0	0	0%
Construction and Mining - Misc - Other	125			16		141	145	97%
Construction and Mining - Misc - Pavers						0	0	0%
Construction and Mining - Misc - Paving Equipment		35	8			44	195	22%
Construction and Mining - Misc - Plate Compactors	2756					2756	2849	97%
Construction and Mining - Misc - Rollers		7	13			20	56	36%
Construction and Mining - Misc - Rough Terrain Forklifts		3	39	1		43	71	61%
Construction and Mining - Misc - Rubber Tired Loaders		4	23			27	44	62%
Construction and Mining - Misc - Signal Boards	944	3				947	976	97%
Construction and Mining - Misc - Skid Steer Loaders		150	88			238	295	81%
Construction and Mining - Misc - Surfacing Equipment						0	37	0%
Construction and Mining - Misc - Tampers/Rammers	778					778	802	97%
Construction and Mining - Misc - Tractors/Loaders/Backhoes			16			16	23	71%
Construction and Mining - Misc - Trenchers		67	21			88	154	57%
Construction and Mining - Off-Highway Tractors	0	95	71	45	45	255	513	50%
Construction and Mining - Off-Highway Trucks	0	5	3	105	189	303	537	56%
Construction and Mining - Other	0	49	110	75	75	310	776	40%
Construction and Mining - Pavers		12	57	68	3	140	276	51%
Construction and Mining - Paving Equipment	0	18	38	27	6	90	156	57%
Construction and Mining - Rollers		318	267	192	5	782	1436	54%
Construction and Mining - Rough Terrain Forklifts	0	16	952	121	1	1091	1447	75%
Construction and Mining - Rubber Tired Dozers		4	9	8	15	36	128	28%
Construction and Mining - Rubber Tired Loaders	0	14	177	501	196	887	1875	47%
Construction and Mining - Scrapers	0		2	123	252	378	1054	36%
Construction and Mining - Skid Steer Loaders	0	310	1005	6	0	1321	1876	70%
Construction and Mining - Surfacing Equipment	0	5	13	10	18	46	86	53%
Construction and Mining - Tractors/Loaders/Backhoes		293	2308	363	96	3061	5660	54%
Construction and Mining - Trenchers	0	88	32	12	10	141	340	42%

Source: CARB OFFROAD 2021

5420 Sunset

Operational HRA - On-site Truck Emissions

Diesel Particulate Emission Factors - T7 Single Truck (EMFAC2014 - Year 2023)

Speed		g/mi	
5		0.0146	Idle emission factor
15		0.0096	On-site travel emission factor. T8 Tractor

Emissions Calculations (Loading Docks)

Land Use	TSF	Truck Trips/TSF	Truck Trips
Multi-Family (735 du)	787.25	0.011	8.7
Supermarket	69		18.0
Commercial	26	0.324	8.4
Total	882.25		35.1

National Cooperative Highway Research Program (NCHRP) Synthesis 298 Truck Trip Generation Data, 2001, http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_298.pdf.

Transportation Northwest, Truck Trip Generation by Grocery Stores, Final Report TNW2010-04,

Parameter	Market/		
	Commercial	Resident	
Average Trucks per Day	26	9	
Days per Year	312	312	6 days per week
Trucks per Year	8,244	2,702	
Idle time per Truck (min)	15	15	5 minutes x 3 (enter, loadin
Idle time per Truck (hrs)	0.25	0.25	
Idle time per year (hrs)	2061	675	
Idle Emission Factor (g/hr)	0.0146	0.0146	
Idle emissions per year (g)	30.04	9.84	
Annual Idle emission rate (g/s)	2.86E-06	9.37E-07	8-hour operation

Transportation Refrigeration Unit (TRU)

Emission Rate (g/hr)	0.43	See TRU Emission Factor C
TRU Operation Time per Truck (hrs)	2	Duration of time at loading
Daily Number of Trucks with TRU	6	
Total Annual TRU Hours	3754	6 days per week operation
Total Annual TRU Emissions (g)	1600.0	
Annual TRU Emission Rate (g/s)	1.52E-04	8-hour operation
Total Emission Rate (g/s)	1.55E-04	AERMOD Input - Idle + Trav

Source: EMFAC2021 (v1.0.1) Emission Rates

Region Type: Air Basin

Region: South Coast

Calendar Year: 2023

Season: Annual

Vehicle Classification: EMFAC202x Categories

Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	PM2.5_RUNEX	PM10_RUNEX
South Coast	2026	HHDT	Aggregate	5	Diesel	0.014	0.015
South Coast	2026	HHDT	Aggregate	15	Diesel	0.009	0.010

CARB Draft 2019 TRU Emissions Inventory Output

Scenario	Calendar Year	Equipment Sector	Air Basin	Equipment Type	Horsepower Group	Population	Activity	PM10
Existing ATCM	2026	trailgc	SC	genca	GE23LT25	1,225	1000	0.00452042
Existing ATCM	2026	trailgc	SC	genca	GE25	309	1000	0.00034038
Existing ATCM	2026	trailgc	SC	genca	LT23	0	1000	0
Existing ATCM	2026	trailgc	SC	genoos	GE23LT25	4,852	1000	0.00284239
Existing ATCM	2026	trailgc	SC	genoos	GE25	1,247	1000	0.00023449
Existing ATCM	2026	trailgc	SC	genoos	LT23	0	1000	0
Existing ATCM	2026	trailgc	SC	truca	GE23LT25	4,759	2201	0.05028656
Existing ATCM	2026	trailgc	SC	truca	GE25	7,661	2201	0.0386712
Existing ATCM	2026	trailgc	SC	truoos	GE23LT25	38,162	2201	0.06491366
Existing ATCM	2026	trailgc	SC	truoos	GE25	11,037	2201	0.00877818
Existing ATCM	2026	truck	SC	truca	LT23	2,616	1360	0.0184196
Existing ATCM	2026	truck	SC	truoos	LT23	19	1360	1.4908E-05

Total TRU Hours (Annual) 146,840,338

Total PM10 Emissions (tons/year) 68.99

All TRUs in South Coast Air Basin

Total tons per day x 365

Emission Rate (tons/hour) 4.70E-07

Emission Rate (lbs/hr) 0.0009

Emission Rate (g/hr) **0.43**

Units

All population is one TRU unit

All activity is in hours per year of run time

All emissions are in standard tons per day

All fuel consumption is gallons per year

Source: <https://ww3.arb.ca.gov/msei/ordiesel/draft2019truei.pdf>

Appendix B

Carcinogenic and Non-Carcinogenic Risk Calculations

Sunset Western - Construction Health Risk Assessment

Cancer Risk Calculations

Residential Receptor - 70 year Exposure Duration

Diesel Particulate Matter Emission Rate Calculation / Scaler

	Year -->	2022-2026	2026-2092
Average Annual Emission Rate (g/s) ^a		7.04E-03	-
Scaler Concentration (ug/m3) ^b		16.25	-
Diesel Particulate Concentration (ug/m3)		0.114	0.0108

Cancer Risk Calculations - DPM

Parameter	2022-2026	2026-2092	Total
Breathing Rate	393	393	
Exposure Frequency (EF)	350	350	
Exposure Duration (ED) (years)	4.00	66.00	70
AT	25550	25550	
70-Year (Lifetime) Concentration (ug/m3)	1.14E-01	1.08E-02	
70-Year (Lifetime) Dose (mg/kg-d)	4.31E-05	4.06E-06	
Carcinogen Potency (CPF) (mg/kg-d) ⁻¹			
- Diesel Particulate Matter	1.1	1.1	
Cancer Risk	2.71E-06	4.22E-06	6.93E-06
Risk per Million (DPM)	2.7	4.2	6.9

^a Emissions based on a 4-year average

^b Scaler concentration based on an AERMOD emission rate of 1 g/s, 8-hours per day

Chronic Risk Calculations - DPM

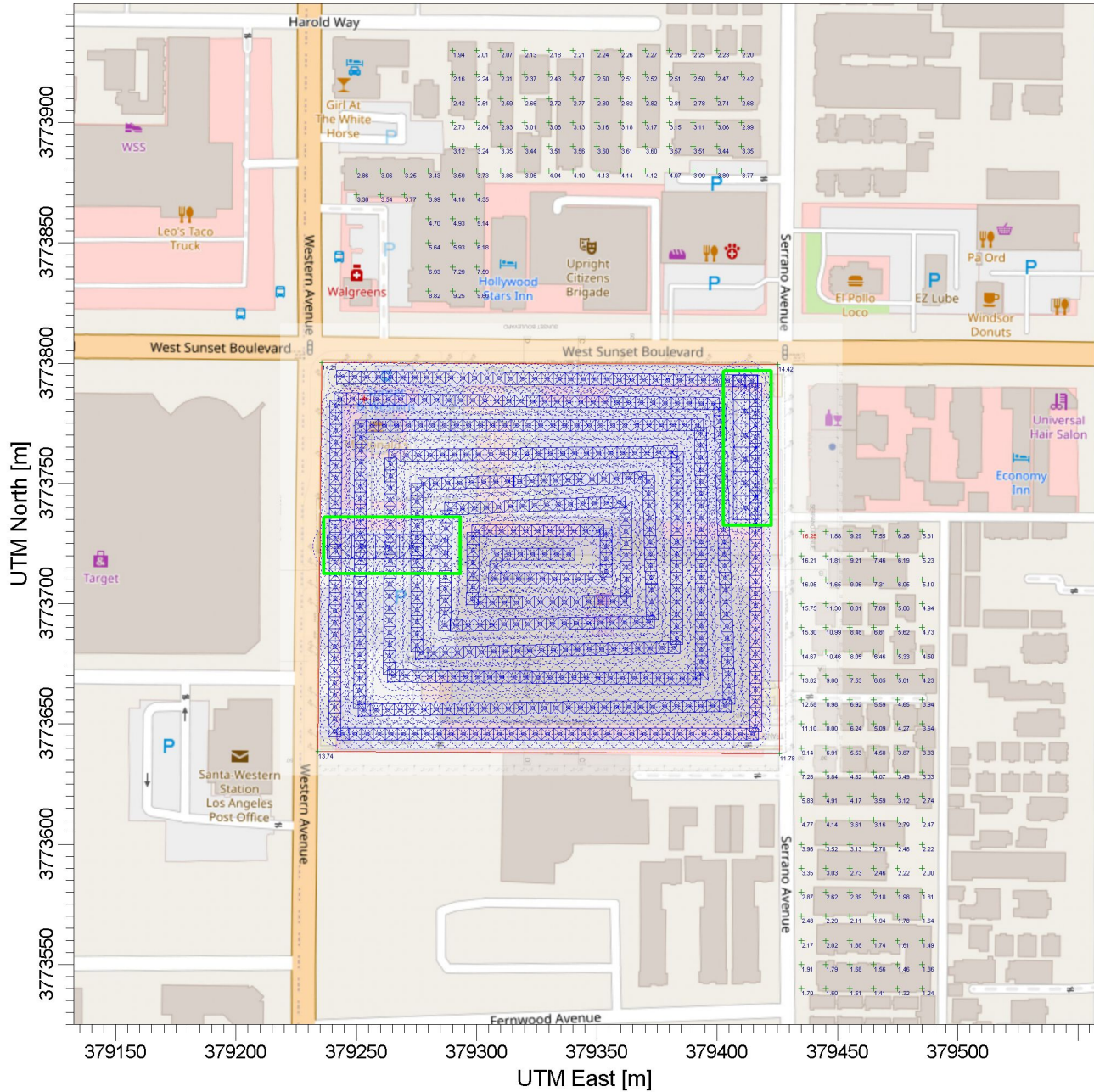
Receptor	Annual Concentration (ug/m3)	Chronic Inhalation REL (ug/m3)	Chronic Risk (HI)
Residential	1.1E-01	5	2.3E-02

Appendix C

AERMOD Source Receptor Configuration and Output File

PROJECT TITLE:

C:\AERMOD\SunsetWestern\SunsetWestern.isc



COMMENTS:

Sunset Western
SRC Diagram - Construction

SOURCES:

4

COMPANY NAME:

RECEPTORS:

224

MODELER:

OUTPUT TYPE:

Concentration

SCALE:

1:2,669

0

0.1 km

MAX:

16.2 ug/m³

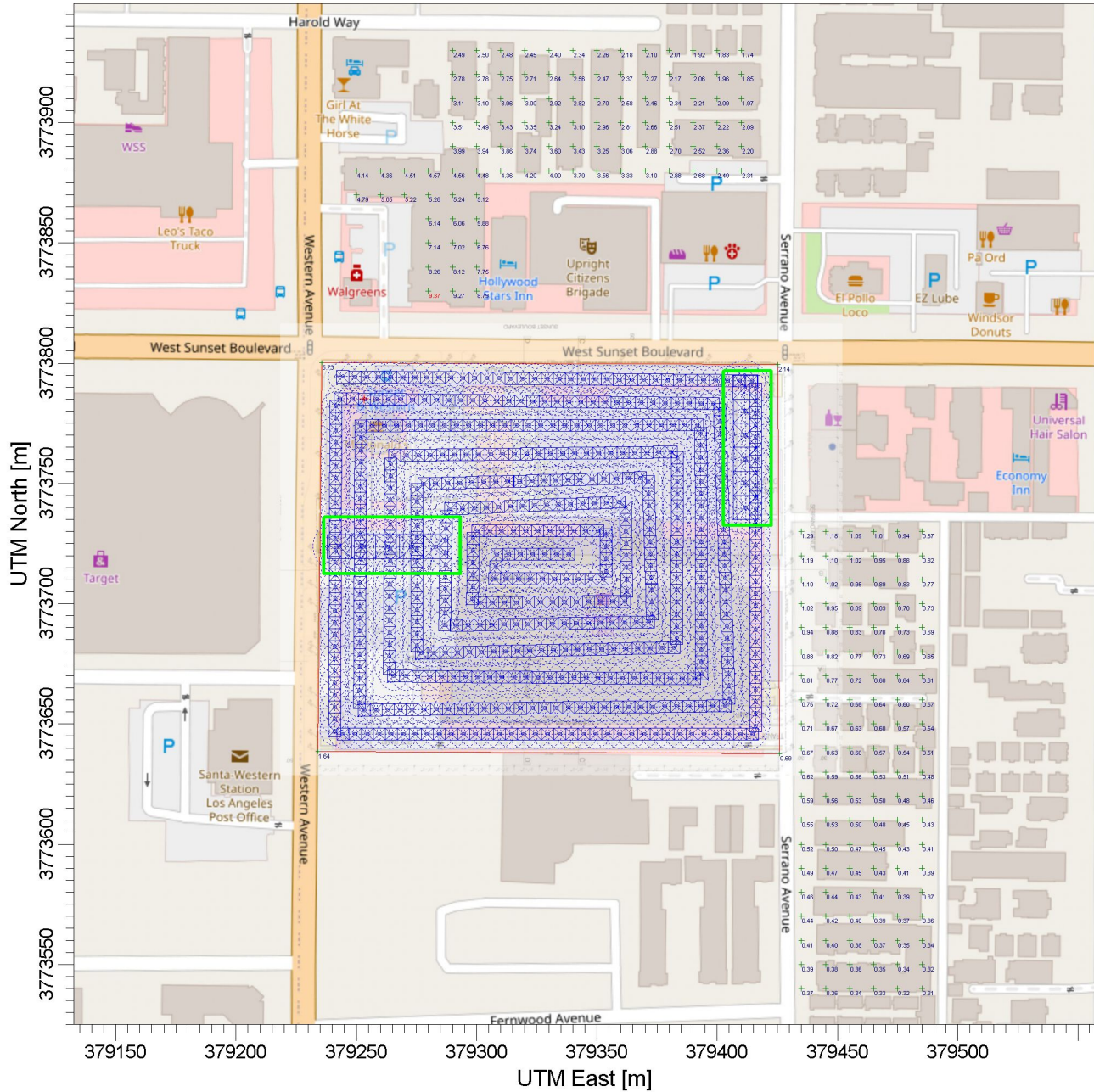
DATE:

11/11/2021

PROJECT NO.:

PROJECT TITLE:

C:\AERMOD\SunsetWestern\SunsetWestern.isc



COMMENTS:
Sunset Western
SRC Diagram - Emergency
Generator

SOURCES:

4

COMPANY NAME:

RECEPTORS:

224

MODELER:

OUTPUT TYPE:

Concentration

SCALE:

1:2,669

0

0.1 km

MAX:

9.37 ug/m³

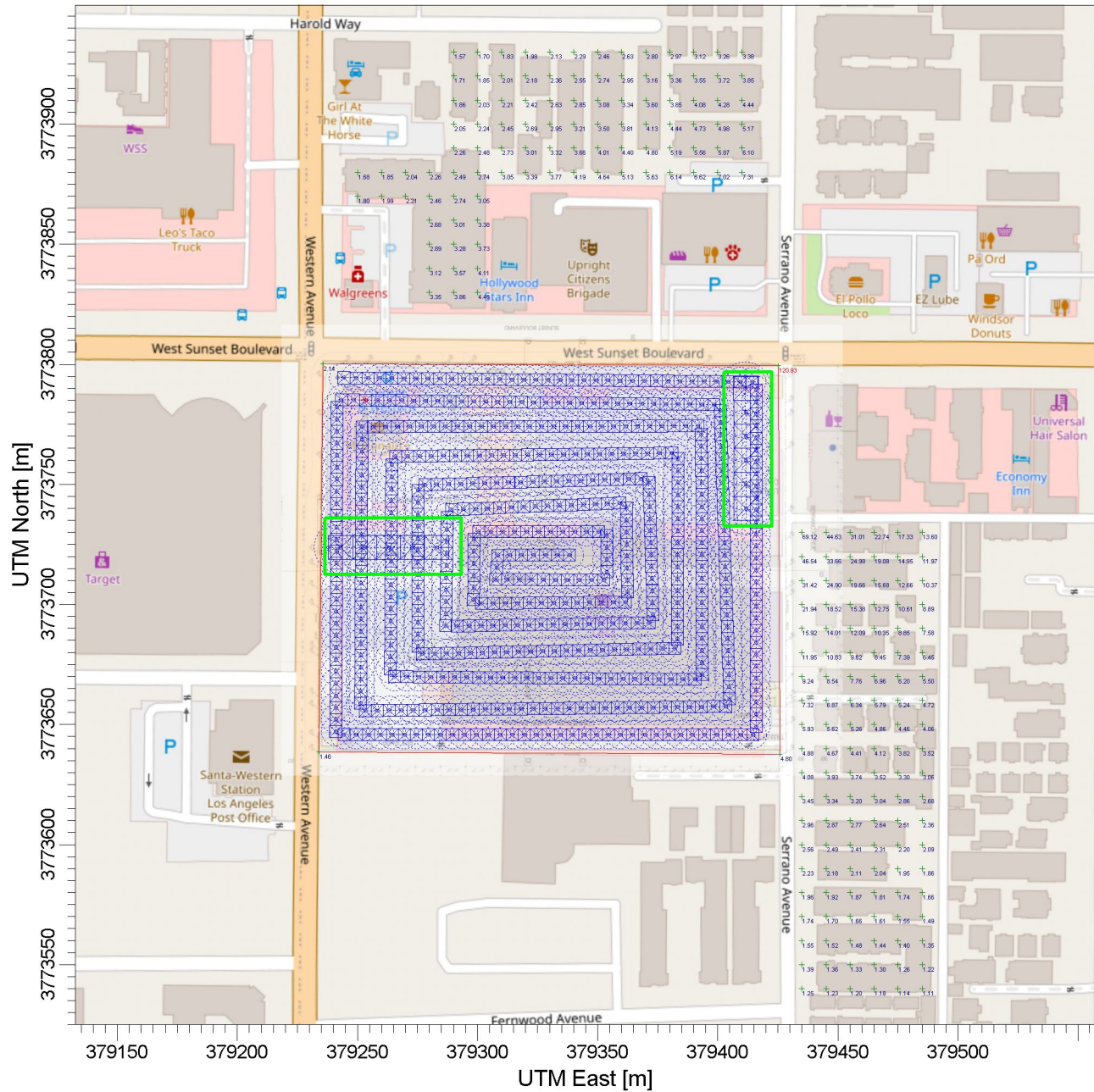
DATE:

11/11/2021

PROJECT NO.:

PROJECT TITLE:

C:\AERMOD\SunsetWestern\SunsetWestern.isc



COMMENTS:

Sunset Western
SRC Diagram - Market Loading
Dock

SOURCES:

4

COMPANY NAME:

RECEPTORS:

224

MODELER:

OUTPUT TYPE:

Concentration

SCALE:

1:2,669

0

0.1 km

MAX:

121 ug/m³

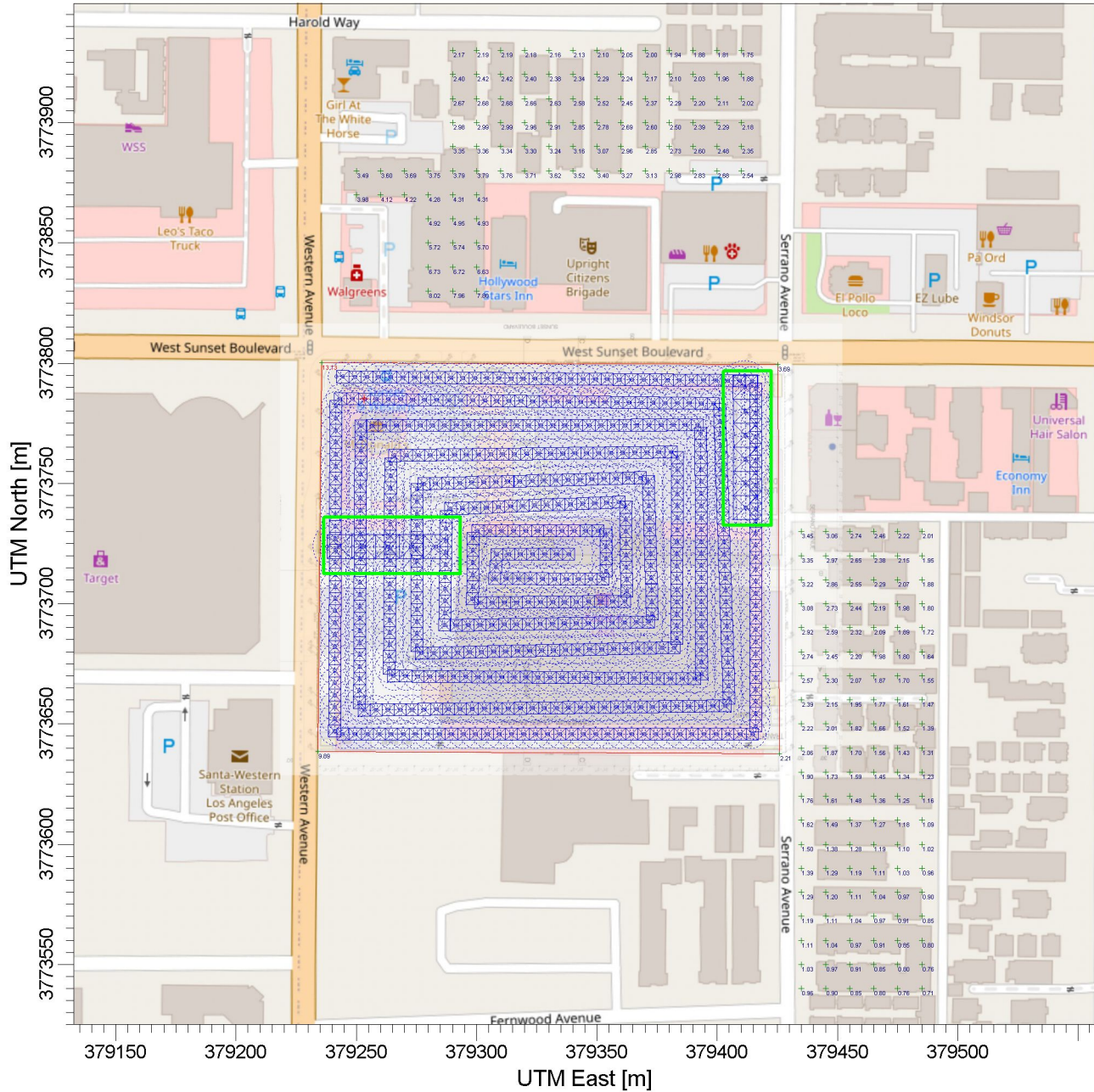
DATE:

11/11/2021

PROJECT NO.:

PROJECT TITLE:

C:\AERMOD\SunsetWestern\SunsetWestern.isc



COMMENTS:

Sunset Western
SRC Diagram - Residential
Loading Dock

SOURCES:

4

COMPANY NAME:

RECEPTORS:

224

MODELER:

OUTPUT TYPE:

Concentration

SCALE:

1:2,669

0

0.1 km

MAX:

13.1 ug/m³

DATE:

11/11/2021

PROJECT NO.:

5420 Sunset – Health Risk Assessment AERMOD Output File

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.0.1
** Lakes Environmental Software Inc.
** Date: 11/9/2021
** File: C:\AERMOD\Sunset\Western\Sunset\Western.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE C:\AERMOD\Sunset\Western\Sunset\Western.isc
MODELOPT DEFAULT CONC
AVERTIME PERIOD
URBANOPT 9818605 Los_Angeles_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL Sunset\Western.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 = MARKET
** DESCRSRC Market Loading Dock
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 5.00
** SZINIT = 1.16
** Nodes = 2
** 379411.528, 3773794.988, 110.94, 3.66, 4.65
** 379411.824, 3773733.792, 110.03, 3.66, 4.65
** -----
LOCATION L0001134 VOLUME 379411.553 3773789.988 110.96
LOCATION L0001135 VOLUME 379411.601 3773779.988 110.89
LOCATION L0001136 VOLUME 379411.649 3773769.988 110.79
LOCATION L0001137 VOLUME 379411.698 3773759.988 110.69
LOCATION L0001138 VOLUME 379411.746 3773749.988 110.53
LOCATION L0001139 VOLUME 379411.794 3773739.988 110.26
** End of LINE VOLUME Source ID = MARKET
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = RESIDENTIAL
** DESCRSRC Residential Loading Dock
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 5.00
** SZINIT = 1.16
** Nodes = 2
** 379237.993, 3773723.740, 109.21, 3.66, 4.65
** 379284.998, 3773723.740, 109.59, 3.66, 4.65
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LOCATION L0001129 VOLUME 379242.993 3773723.740 109.12

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LOCATION L0001130 VOLUME 379252.993 3773723.740 109.27
LOCATION L0001131 VOLUME 379262.993 3773723.740 109.40
LOCATION L0001132 VOLUME 379272.993 3773723.740 109.53
LOCATION L0001133 VOLUME 379282.993 3773723.740 109.63
** End of LINE VOLUME Source ID = RESIDENTIAL
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC Construction DPM
** PREFIX
** Length of Side = 5.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 5.00
** SZINIT = 1.16
** Nodes = 30
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** 379415.963, 3773792.622, 110.89, 3.66, 2.33
** 379415.963, 3773645.694, 109.01, 3.66, 2.33
** 379240.949, 3773645.694, 106.55, 3.66, 2.33
** 379241.540, 3773785.232, 109.85, 3.66, 2.33
** 379400.886, 3773783.162, 111.03, 3.66, 2.33
** 379405.025, 3773657.519, 109.18, 3.66, 2.33
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** 379251.887, 3773773.998, 109.72, 3.66, 2.33
** 379393.199, 3773774.293, 111.08, 3.66, 2.33
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** 379263.713, 3773669.935, 108.52, 3.66, 2.33
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** -----
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LOCATION L0000589 VOLUME 379249.335 3773794.320 109.93
LOCATION L0000590 VOLUME 379254.335 3773794.269 109.96
LOCATION L0000591 VOLUME 379259.335 3773794.218 109.98
LOCATION L0000592 VOLUME 379264.335 3773794.167 110.01
LOCATION L0000593 VOLUME 379269.334 3773794.116 110.04
LOCATION L0000594 VOLUME 379274.334 3773794.065 110.06
LOCATION L0000595 VOLUME 379279.334 3773794.014 110.10
LOCATION L0000596 VOLUME 379284.334 3773793.963 110.14
LOCATION L0000597 VOLUME 379289.333 3773793.912 110.18
LOCATION L0000598 VOLUME 379294.333 3773793.861 110.22
LOCATION L0000599 VOLUME 379299.333 3773793.811 110.26
LOCATION L0000600 VOLUME 379304.333 3773793.760 110.33
LOCATION L0000601 VOLUME 379309.332 3773793.709 110.41
LOCATION L0000602 VOLUME 379314.332 3773793.658 110.49
LOCATION L0000603 VOLUME 379319.332 3773793.607 110.58
LOCATION L0000604 VOLUME 379324.332 3773793.556 110.66
LOCATION L0000605 VOLUME 379329.331 3773793.505 110.71
LOCATION L0000606 VOLUME 379334.331 3773793.454 110.74
LOCATION L0000607 VOLUME 379339.331 3773793.403 110.77
LOCATION L0000608 VOLUME 379344.331 3773793.352 110.80
LOCATION L0000609 VOLUME 379349.330 3773793.301 110.83
LOCATION L0000610 VOLUME 379354.330 3773793.250 110.85
LOCATION L0000611 VOLUME 379359.330 3773793.199 110.88
LOCATION L0000612 VOLUME 379364.330 3773793.148 110.90
LOCATION L0000613 VOLUME 379369.329 3773793.098 110.92

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Sunset and Western – Health Risk Assessment AERMOD Output File

LOCATION L0000614	VOLUME	379374.329	3773793.047	110.94	LOCATION L0000688	VOLUME	379240.976	3773652.115	107.81
LOCATION L0000615	VOLUME	379379.329	3773792.996	110.96	LOCATION L0000689	VOLUME	379240.997	3773657.114	108.10
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LOCATION L0000618	VOLUME	379394.328	3773792.843	110.99	LOCATION L0000692	VOLUME	379241.061	3773672.114	108.53
LOCATION L0000619	VOLUME	379399.328	3773792.792	111.00	LOCATION L0000693	VOLUME	379241.082	3773677.114	108.57
LOCATION L0000620	VOLUME	379404.327	3773792.741	111.00	LOCATION L0000694	VOLUME	379241.103	3773682.114	108.61
LOCATION L0000621	VOLUME	379409.327	3773792.690	110.98	LOCATION L0000695	VOLUME	379241.125	3773687.114	108.66
LOCATION L0000622	VOLUME	379414.327	3773792.639	110.96	LOCATION L0000696	VOLUME	379241.146	3773692.114	108.70
LOCATION L0000623	VOLUME	379415.963	3773789.259	110.93	LOCATION L0000697	VOLUME	379241.167	3773697.114	108.76
LOCATION L0000624	VOLUME	379415.963	3773784.259	110.89	LOCATION L0000698	VOLUME	379241.188	3773702.114	108.82
LOCATION L0000625	VOLUME	379415.963	3773779.259	110.83	LOCATION L0000699	VOLUME	379241.209	3773707.114	108.88
LOCATION L0000626	VOLUME	379415.963	3773774.259	110.78	LOCATION L0000700	VOLUME	379241.230	3773712.114	108.95
LOCATION L0000627	VOLUME	379415.963	3773769.259	110.73	LOCATION L0000701	VOLUME	379241.252	3773717.114	109.01
LOCATION L0000628	VOLUME	379415.963	3773764.259	110.68	LOCATION L0000702	VOLUME	379241.273	3773722.114	109.07
LOCATION L0000629	VOLUME	379415.963	3773759.259	110.62	LOCATION L0000703	VOLUME	379241.294	3773727.114	109.12
LOCATION L0000630	VOLUME	379415.963	3773754.259	110.57	LOCATION L0000704	VOLUME	379241.315	3773732.114	109.16
LOCATION L0000631	VOLUME	379415.963	3773749.259	110.47	LOCATION L0000705	VOLUME	379241.336	3773737.114	109.20
LOCATION L0000632	VOLUME	379415.963	3773744.259	110.35	LOCATION L0000706	VOLUME	379241.358	3773742.114	109.24
LOCATION L0000633	VOLUME	379415.963	3773739.259	110.23	LOCATION L0000707	VOLUME	379241.379	3773747.114	109.27
LOCATION L0000634	VOLUME	379415.963	3773734.259	110.12	LOCATION L0000708	VOLUME	379241.400	3773752.114	109.31
LOCATION L0000635	VOLUME	379415.963	3773729.259	110.00	LOCATION L0000709	VOLUME	379241.421	3773757.114	109.36
LOCATION L0000636	VOLUME	379415.963	3773724.259	109.89	LOCATION L0000710	VOLUME	379241.442	3773762.114	109.43
LOCATION L0000637	VOLUME	379415.963	3773719.259	109.85	LOCATION L0000711	VOLUME	379241.463	3773767.114	109.51
LOCATION L0000638	VOLUME	379415.963	3773714.259	109.84	LOCATION L0000712	VOLUME	379241.485	3773772.113	109.58
LOCATION L0000639	VOLUME	379415.963	3773709.259	109.84	LOCATION L0000713	VOLUME	379241.506	3773777.113	109.66
LOCATION L0000640	VOLUME	379415.963	3773704.259	109.84	LOCATION L0000714	VOLUME	379241.527	3773782.113	109.73
LOCATION L0000641	VOLUME	379415.963	3773699.259	109.83	LOCATION L0000715	VOLUME	379243.422	3773785.207	109.81
LOCATION L0000642	VOLUME	379415.963	3773694.259	109.82	LOCATION L0000716	VOLUME	379248.421	3773785.142	109.90
LOCATION L0000643	VOLUME	379415.963	3773689.259	109.78	LOCATION L0000717	VOLUME	379253.421	3773785.077	109.94
LOCATION L0000644	VOLUME	379415.963	3773684.259	109.68	LOCATION L0000718	VOLUME	379258.420	3773785.012	109.97
LOCATION L0000645	VOLUME	379415.963	3773679.259	109.59	LOCATION L0000719	VOLUME	379263.420	3773784.948	110.00
LOCATION L0000646	VOLUME	379415.963	3773674.259	109.50	LOCATION L0000720	VOLUME	379268.420	3773784.883	110.02
LOCATION L0000647	VOLUME	379415.963	3773669.259	109.41	LOCATION L0000721	VOLUME	379273.419	3773784.818	110.05
LOCATION L0000648	VOLUME	379415.963	3773664.259	109.32	LOCATION L0000722	VOLUME	379278.419	3773784.753	110.09
LOCATION L0000649	VOLUME	379415.963	3773659.259	109.25	LOCATION L0000723	VOLUME	379283.418	3773784.688	110.13
LOCATION L0000650	VOLUME	379415.963	3773654.259	109.21	LOCATION L0000724	VOLUME	379288.418	3773784.623	110.17
LOCATION L0000651	VOLUME	379415.963	3773649.259	109.17	LOCATION L0000725	VOLUME	379293.418	3773784.558	110.22
LOCATION L0000652	VOLUME	379414.528	3773645.694	109.14	LOCATION L0000726	VOLUME	379298.417	3773784.493	110.26
LOCATION L0000653	VOLUME	379409.528	3773645.694	109.14	LOCATION L0000727	VOLUME	379303.417	3773784.428	110.34
LOCATION L0000654	VOLUME	379404.528	3773645.694	109.14	LOCATION L0000728	VOLUME	379308.416	3773784.363	110.44
LOCATION L0000655	VOLUME	379399.528	3773645.694	109.09	LOCATION L0000729	VOLUME	379313.416	3773784.298	110.53
LOCATION L0000656	VOLUME	379394.528	3773645.694	108.94	LOCATION L0000730	VOLUME	379318.415	3773784.233	110.63
LOCATION L0000657	VOLUME	379389.528	3773645.694	108.79	LOCATION L0000731	VOLUME	379323.415	3773784.168	110.73
LOCATION L0000658	VOLUME	379384.528	3773645.694	108.63	LOCATION L0000732	VOLUME	379328.415	3773784.103	110.80
LOCATION L0000659	VOLUME	379379.528	3773645.694	108.48	LOCATION L0000733	VOLUME	379333.414	3773784.039	110.82
LOCATION L0000660	VOLUME	379374.528	3773645.694	108.36	LOCATION L0000734	VOLUME	379338.414	3773783.974	110.84
LOCATION L0000661	VOLUME	379369.528	3773645.694	108.42	LOCATION L0000735	VOLUME	379343.413	3773783.909	110.87
LOCATION L0000662	VOLUME	379364.528	3773645.694	108.47	LOCATION L0000736	VOLUME	379348.413	3773783.844	110.89
LOCATION L0000663	VOLUME	379359.528	3773645.694	108.52	LOCATION L0000737	VOLUME	379353.412	3773783.779	110.92
LOCATION L0000664	VOLUME	379354.528	3773645.694	108.57	LOCATION L0000738	VOLUME	379358.412	3773783.714	110.95
LOCATION L0000665	VOLUME	379349.528	3773645.694	108.62	LOCATION L0000739	VOLUME	379363.412	3773783.649	110.97
LOCATION L0000666	VOLUME	379344.528	3773645.694	108.56	LOCATION L0000740	VOLUME	379368.411	3773783.584	111.00
LOCATION L0000667	VOLUME	379339.528	3773645.694	108.50	LOCATION L0000741	VOLUME	379373.411	3773783.519	111.03
LOCATION L0000668	VOLUME	379334.528	3773645.694	108.43	LOCATION L0000742	VOLUME	379378.410	3773783.454	111.05
LOCATION L0000669	VOLUME	379329.528	3773645.694	108.37	LOCATION L0000743	VOLUME	379383.410	3773783.389	111.04
LOCATION L0000670	VOLUME	379324.528	3773645.694	108.30	LOCATION L0000744	VOLUME	379388.410	3773783.324	111.04
LOCATION L0000671	VOLUME	379319.528	3773645.694	108.05	LOCATION L0000745	VOLUME	379393.409	3773783.259	111.03
LOCATION L0000672	VOLUME	379314.528	3773645.694	107.78	LOCATION L0000746	VOLUME	379398.409	3773783.194	111.02
LOCATION L0000673	VOLUME	379309.528	3773645.694	107.50	LOCATION L0000747	VOLUME	379400.969	3773780.641	111.00
LOCATION L0000674	VOLUME	379304.528	3773645.694	107.23	LOCATION L0000748	VOLUME	379401.133	3773775.644	110.97
LOCATION L0000675	VOLUME	379299.528	3773645.694	106.95	LOCATION L0000749	VOLUME	379401.298	3773770.646	110.93
LOCATION L0000676	VOLUME	379294.528	3773645.694	106.89	LOCATION L0000750	VOLUME	379401.463	3773765.649	110.89
LOCATION L0000677	VOLUME	379289.528	3773645.694	106.87	LOCATION L0000751	VOLUME	379401.627	3773760.652	110.84
LOCATION L0000678	VOLUME	379284.528	3773645.694	106.86	LOCATION L0000752	VOLUME	379401.792	3773755.654	110.80
LOCATION L0000679	VOLUME	379279.528	3773645.694	106.85	LOCATION L0000753	VOLUME	379401.956	3773750.657	110.67
LOCATION L0000680	VOLUME	379274.528	3773645.694	106.84	LOCATION L0000754	VOLUME	379402.121	3773745.660	110.48
LOCATION L0000681	VOLUME	379269.528	3773645.694	106.89	LOCATION L0000755	VOLUME	379402.286	3773740.663	110.29
LOCATION L0000682	VOLUME	379264.528	3773645.694	106.97	LOCATION L0000756	VOLUME	379402.450	3773735.665	110.10
LOCATION L0000683	VOLUME	379259.528	3773645.694	107.05	LOCATION L0000757	VOLUME	379402.615	3773730.668	109.92
LOCATION L0000684	VOLUME	379254.528	3773645.694	107.13	LOCATION L0000758	VOLUME	379402.780	3773725.671	109.74
LOCATION L0000685	VOLUME	379249.528	3773645.694	107.21	LOCATION L0000759	VOLUME	379402.944	3773720.673	109.66
LOCATION L0000686	VOLUME	379244.528	3773645.694	107.33	LOCATION L0000760	VOLUME	379403.109	3773715.676	109.72
LOCATION L0000687	VOLUME	379240.955	3773647.115	107.52	LOCATION L0000761	VOLUME	379403.273	3773710.679	109.78

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LOCATION L0000762	VOLUME	379403.438	3773705.682	109.84	LOCATION L0000836	VOLUME	379301.706	3773774.102	110.29
LOCATION L0000763	VOLUME	379403.603	3773700.684	109.89	LOCATION L0000837	VOLUME	379306.706	3773774.112	110.41
LOCATION L0000764	VOLUME	379403.767	3773695.687	109.94	LOCATION L0000838	VOLUME	379311.706	3773774.123	110.52
LOCATION L0000765	VOLUME	379403.932	3773690.690	109.95	LOCATION L0000839	VOLUME	379316.706	3773774.133	110.64
LOCATION L0000766	VOLUME	379404.096	3773685.692	109.82	LOCATION L0000840	VOLUME	379321.706	3773774.144	110.75
LOCATION L0000767	VOLUME	379404.261	3773680.695	109.70	LOCATION L0000841	VOLUME	379326.706	3773774.154	110.86
LOCATION L0000768	VOLUME	379404.426	3773675.698	109.57	LOCATION L0000842	VOLUME	379331.706	3773774.165	110.91
LOCATION L0000769	VOLUME	379404.590	3773670.701	109.45	LOCATION L0000843	VOLUME	379336.705	3773774.175	110.95
LOCATION L0000770	VOLUME	379404.755	3773665.703	109.33	LOCATION L0000844	VOLUME	379341.705	3773774.186	111.00
LOCATION L0000771	VOLUME	379404.920	3773660.706	109.21	LOCATION L0000845	VOLUME	379346.705	3773774.196	111.05
LOCATION L0000772	VOLUME	379403.214	3773657.498	109.19	LOCATION L0000846	VOLUME	379351.705	3773774.207	111.09
LOCATION L0000773	VOLUME	379398.214	3773657.440	109.11	LOCATION L0000847	VOLUME	379356.705	3773774.217	111.11
LOCATION L0000774	VOLUME	379393.214	3773657.383	108.97	LOCATION L0000848	VOLUME	379361.705	3773774.227	111.13
LOCATION L0000775	VOLUME	379388.215	3773657.325	108.84	LOCATION L0000849	VOLUME	379366.705	3773774.238	111.14
LOCATION L0000776	VOLUME	379383.215	3773657.267	108.70	LOCATION L0000850	VOLUME	379371.705	3773774.248	111.16
LOCATION L0000777	VOLUME	379378.215	3773657.209	108.56	LOCATION L0000851	VOLUME	379376.705	3773774.259	111.17
LOCATION L0000778	VOLUME	379373.216	3773657.152	108.51	LOCATION L0000852	VOLUME	379381.705	3773774.269	111.13
LOCATION L0000779	VOLUME	379368.216	3773657.094	108.54	LOCATION L0000853	VOLUME	379386.705	3773774.280	111.09
LOCATION L0000780	VOLUME	379363.216	3773657.036	108.58	LOCATION L0000854	VOLUME	379391.705	3773774.290	111.04
LOCATION L0000781	VOLUME	379358.217	3773656.979	108.61	LOCATION L0000855	VOLUME	379393.209	3773770.787	111.02
LOCATION L0000782	VOLUME	379353.217	3773656.921	108.65	LOCATION L0000856	VOLUME	379393.223	3773765.787	111.02
LOCATION L0000783	VOLUME	379348.217	3773656.863	108.68	LOCATION L0000857	VOLUME	379393.237	3773760.787	111.02
LOCATION L0000784	VOLUME	379343.218	3773656.806	108.68	LOCATION L0000858	VOLUME	379393.251	3773755.787	111.01
LOCATION L0000785	VOLUME	379338.218	3773656.748	108.68	LOCATION L0000859	VOLUME	379393.265	3773750.787	110.88
LOCATION L0000786	VOLUME	379333.218	3773656.690	108.67	LOCATION L0000860	VOLUME	379393.279	3773745.787	110.65
LOCATION L0000787	VOLUME	379328.219	3773656.633	108.67	LOCATION L0000861	VOLUME	379393.293	3773740.787	110.43
LOCATION L0000788	VOLUME	379323.219	3773656.575	108.65	LOCATION L0000862	VOLUME	379393.307	3773735.787	110.20
LOCATION L0000789	VOLUME	379318.219	3773656.517	108.55	LOCATION L0000863	VOLUME	379393.321	3773730.787	109.97
LOCATION L0000790	VOLUME	379313.220	3773656.460	108.46	LOCATION L0000864	VOLUME	379393.335	3773725.787	109.75
LOCATION L0000791	VOLUME	379308.220	3773656.402	108.36	LOCATION L0000865	VOLUME	379393.349	3773720.787	109.62
LOCATION L0000792	VOLUME	379303.220	3773656.344	108.25	LOCATION L0000866	VOLUME	379393.363	3773715.787	109.63
LOCATION L0000793	VOLUME	379298.221	3773656.286	108.15	LOCATION L0000867	VOLUME	379393.377	3773710.787	109.64
LOCATION L0000794	VOLUME	379293.221	3773656.229	108.12	LOCATION L0000868	VOLUME	379393.391	3773705.788	109.66
LOCATION L0000795	VOLUME	379288.221	3773656.171	108.10	LOCATION L0000869	VOLUME	379393.405	3773700.788	109.67
LOCATION L0000796	VOLUME	379283.222	3773656.113	108.07	LOCATION L0000870	VOLUME	379393.419	3773695.788	109.68
LOCATION L0000797	VOLUME	379278.222	3773656.056	108.04	LOCATION L0000871	VOLUME	379393.433	3773690.788	109.67
LOCATION L0000798	VOLUME	379273.222	3773655.998	108.02	LOCATION L0000872	VOLUME	379393.447	3773685.788	109.56
LOCATION L0000799	VOLUME	379268.223	3773655.940	108.00	LOCATION L0000873	VOLUME	379393.461	3773680.788	109.45
LOCATION L0000800	VOLUME	379263.223	3773655.883	107.99	LOCATION L0000874	VOLUME	379393.475	3773675.788	109.33
LOCATION L0000801	VOLUME	379258.223	3773655.825	107.98	LOCATION L0000875	VOLUME	379393.489	3773670.788	109.22
LOCATION L0000802	VOLUME	379253.224	3773655.767	107.97	LOCATION L0000876	VOLUME	379393.503	3773668.780	109.09
LOCATION L0000803	VOLUME	379251.311	3773658.817	108.21	LOCATION L0000877	VOLUME	379385.530	3773668.825	108.94
LOCATION L0000804	VOLUME	379251.336	3773663.817	108.55	LOCATION L0000878	VOLUME	379380.530	3773668.871	108.80
LOCATION L0000805	VOLUME	379251.361	3773668.817	108.60	LOCATION L0000879	VOLUME	379375.531	3773668.917	108.66
LOCATION L0000806	VOLUME	379251.386	3773673.817	108.65	LOCATION L0000880	VOLUME	379370.531	3773668.962	108.68
LOCATION L0000807	VOLUME	379251.411	3773678.817	108.70	LOCATION L0000881	VOLUME	379365.531	3773669.008	108.69
LOCATION L0000808	VOLUME	379251.436	3773683.817	108.75	LOCATION L0000882	VOLUME	379360.531	3773669.053	108.71
LOCATION L0000809	VOLUME	379251.461	3773688.817	108.80	LOCATION L0000883	VOLUME	379355.531	3773669.099	108.72
LOCATION L0000810	VOLUME	379251.486	3773693.817	108.86	LOCATION L0000884	VOLUME	379350.532	3773669.144	108.74
LOCATION L0000811	VOLUME	379251.511	3773698.817	108.92	LOCATION L0000885	VOLUME	379345.532	3773669.190	108.77
LOCATION L0000812	VOLUME	379251.536	3773703.817	108.99	LOCATION L0000886	VOLUME	379340.532	3773669.235	108.81
LOCATION L0000813	VOLUME	379251.561	3773708.817	109.05	LOCATION L0000887	VOLUME	379335.532	3773669.281	108.85
LOCATION L0000814	VOLUME	379251.586	3773713.817	109.12	LOCATION L0000888	VOLUME	379330.532	3773669.327	108.88
LOCATION L0000815	VOLUME	379251.611	3773718.817	109.18	LOCATION L0000889	VOLUME	379325.533	3773669.372	108.92
LOCATION L0000816	VOLUME	379251.636	3773723.817	109.25	LOCATION L0000890	VOLUME	379320.533	3773669.418	108.93
LOCATION L0000817	VOLUME	379251.661	3773728.817	109.29	LOCATION L0000891	VOLUME	379315.533	3773669.463	108.93
LOCATION L0000818	VOLUME	379251.686	3773733.817	109.32	LOCATION L0000892	VOLUME	379310.533	3773669.509	108.93
LOCATION L0000819	VOLUME	379251.711	3773738.816	109.36	LOCATION L0000893	VOLUME	379305.533	3773669.554	108.93
LOCATION L0000820	VOLUME	379251.736	3773743.816	109.39	LOCATION L0000894	VOLUME	379300.534	3773669.600	108.94
LOCATION L0000821	VOLUME	379251.761	3773748.816	109.43	LOCATION L0000895	VOLUME	379295.534	3773669.645	108.93
LOCATION L0000822	VOLUME	379251.786	3773753.816	109.46	LOCATION L0000896	VOLUME	379290.534	3773669.691	108.92
LOCATION L0000823	VOLUME	379251.811	3773758.816	109.53	LOCATION L0000897	VOLUME	379285.534	3773669.737	108.91
LOCATION L0000824	VOLUME	379251.836	3773763.816	109.60	LOCATION L0000898	VOLUME	379280.534	3773669.782	108.90
LOCATION L0000825	VOLUME	379251.861	3773768.816	109.68	LOCATION L0000899	VOLUME	379275.535	3773669.828	108.89
LOCATION L0000826	VOLUME	379251.886	3773773.816	109.76	LOCATION L0000900	VOLUME	379270.535	3773669.873	108.85
LOCATION L0000827	VOLUME	379256.706	3773774.008	109.80	LOCATION L0000901	VOLUME	379265.535	3773669.919	108.79
LOCATION L0000828	VOLUME	379261.706	3773774.018	109.85	LOCATION L0000902	VOLUME	379263.733	3773673.113	108.81
LOCATION L0000829	VOLUME	379266.706	3773774.029	109.89	LOCATION L0000903	VOLUME	379263.765	3773678.113	108.87
LOCATION L0000830	VOLUME	379271.706	3773774.039	109.94	LOCATION L0000904	VOLUME	379263.798	3773683.113	108.94
LOCATION L0000831	VOLUME	379276.706	3773774.050	109.99	LOCATION L0000905	VOLUME	379263.830	3773688.112	109.00
LOCATION L0000832	VOLUME	379281.706	3773774.060	110.05	LOCATION L0000906	VOLUME	379263.862	3773693.112	109.06
LOCATION L0000833	VOLUME	379286.706	3773774.071	110.10	LOCATION L0000907	VOLUME	379263.894	3773698.112	109.12
LOCATION L0000834	VOLUME	379291.706	3773774.081	110.16	LOCATION L0000908	VOLUME	379263.927	3773703.112	109.18
LOCATION L0000835	VOLUME	379296.706	3773774.091	110.22	LOCATION L0000909	VOLUME	379263.959	3773708.112	109.23

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LOCATION L0000910	VOLUME	379263.991	3773713.112	109.29	LOCATION L0000984	VOLUME	379275.242	3773692.546	109.21
LOCATION L0000911	VOLUME	379264.023	3773718.112	109.35	LOCATION L0000985	VOLUME	379275.242	3773697.546	109.27
LOCATION L0000912	VOLUME	379264.056	3773723.112	109.40	LOCATION L0000986	VOLUME	379275.242	3773702.546	109.33
LOCATION L0000913	VOLUME	379264.088	3773728.112	109.45	LOCATION L0000987	VOLUME	379275.242	3773707.546	109.38
LOCATION L0000914	VOLUME	379264.120	3773733.112	109.48	LOCATION L0000988	VOLUME	379275.242	3773712.546	109.43
LOCATION L0000915	VOLUME	379264.152	3773738.111	109.52	LOCATION L0000989	VOLUME	379275.242	3773717.546	109.49
LOCATION L0000916	VOLUME	379264.185	3773743.111	109.56	LOCATION L0000990	VOLUME	379275.242	3773722.546	109.54
LOCATION L0000917	VOLUME	379264.217	3773748.111	109.60	LOCATION L0000991	VOLUME	379275.242	3773727.546	109.58
LOCATION L0000918	VOLUME	379264.249	3773753.111	109.63	LOCATION L0000992	VOLUME	379275.242	3773732.546	109.63
LOCATION L0000919	VOLUME	379264.282	3773758.111	109.68	LOCATION L0000993	VOLUME	379275.242	3773737.546	109.67
LOCATION L0000920	VOLUME	379265.834	3773761.600	109.74	LOCATION L0000994	VOLUME	379275.242	3773742.546	109.71
LOCATION L0000921	VOLUME	379270.833	3773761.662	109.81	LOCATION L0000995	VOLUME	379275.242	3773747.546	109.75
LOCATION L0000922	VOLUME	379275.833	3773761.724	109.87	LOCATION L0000996	VOLUME	379278.031	3773749.833	109.81
LOCATION L0000923	VOLUME	379280.832	3773761.786	109.95	LOCATION L0000997	VOLUME	379283.029	3773749.972	109.89
LOCATION L0000924	VOLUME	379285.832	3773761.848	110.03	LOCATION L0000998	VOLUME	379288.027	3773750.110	109.97
LOCATION L0000925	VOLUME	379290.832	3773761.910	110.10	LOCATION L0000999	VOLUME	379293.025	3773750.248	110.05
LOCATION L0000926	VOLUME	379295.831	3773761.972	110.18	LOCATION L0001000	VOLUME	379298.024	3773750.387	110.14
LOCATION L0000927	VOLUME	379300.831	3773762.034	110.26	LOCATION L0001001	VOLUME	379303.022	3773750.525	110.24
LOCATION L0000928	VOLUME	379305.830	3773762.096	110.40	LOCATION L0001002	VOLUME	379308.020	3773750.664	110.36
LOCATION L0000929	VOLUME	379310.830	3773762.158	110.53	LOCATION L0001003	VOLUME	379313.018	3773750.802	110.48
LOCATION L0000930	VOLUME	379315.830	3773762.220	110.66	LOCATION L0001004	VOLUME	379318.016	3773750.940	110.61
LOCATION L0000931	VOLUME	379320.829	3773762.282	110.80	LOCATION L0001005	VOLUME	379323.014	3773751.079	110.74
LOCATION L0000932	VOLUME	379325.829	3773762.344	110.93	LOCATION L0001006	VOLUME	379328.012	3773751.217	110.85
LOCATION L0000933	VOLUME	379330.829	3773762.407	111.01	LOCATION L0001007	VOLUME	379333.010	3773751.356	110.96
LOCATION L0000934	VOLUME	379335.828	3773762.469	111.08	LOCATION L0001008	VOLUME	379338.008	3773751.494	111.06
LOCATION L0000935	VOLUME	379340.828	3773762.531	111.16	LOCATION L0001009	VOLUME	379343.006	3773751.632	111.17
LOCATION L0000936	VOLUME	379345.827	3773762.593	111.23	LOCATION L0001010	VOLUME	379348.004	3773751.771	111.27
LOCATION L0000937	VOLUME	379350.827	3773762.655	111.31	LOCATION L0001011	VOLUME	379353.002	3773751.909	111.34
LOCATION L0000938	VOLUME	379355.827	3773762.717	111.32	LOCATION L0001012	VOLUME	379358.001	3773752.048	111.35
LOCATION L0000939	VOLUME	379360.826	3773762.779	111.32	LOCATION L0001013	VOLUME	379362.999	3773752.186	111.36
LOCATION L0000940	VOLUME	379365.826	3773762.841	111.32	LOCATION L0001014	VOLUME	379367.997	3773752.324	111.36
LOCATION L0000941	VOLUME	379370.825	3773762.903	111.32	LOCATION L0001015	VOLUME	379371.372	3773750.744	111.27
LOCATION L0000942	VOLUME	379375.825	3773762.965	111.33	LOCATION L0001016	VOLUME	379371.520	3773745.747	110.97
LOCATION L0000943	VOLUME	379380.825	3773763.027	111.25	LOCATION L0001017	VOLUME	379371.667	3773740.749	110.66
LOCATION L0000944	VOLUME	379383.435	3773760.678	111.22	LOCATION L0001018	VOLUME	379371.815	3773735.751	110.36
LOCATION L0000945	VOLUME	379383.417	3773755.678	111.26	LOCATION L0001019	VOLUME	379371.963	3773730.753	110.06
LOCATION L0000946	VOLUME	379383.398	3773750.678	111.11	LOCATION L0001020	VOLUME	379372.111	3773725.755	109.76
LOCATION L0000947	VOLUME	379383.380	3773745.678	110.84	LOCATION L0001021	VOLUME	379372.258	3773720.758	109.55
LOCATION L0000948	VOLUME	379383.362	3773740.678	110.57	LOCATION L0001022	VOLUME	379372.406	3773715.760	109.46
LOCATION L0000949	VOLUME	379383.344	3773735.678	110.30	LOCATION L0001023	VOLUME	379372.554	3773710.762	109.36
LOCATION L0000950	VOLUME	379383.326	3773730.679	110.03	LOCATION L0001024	VOLUME	379372.701	3773705.764	109.27
LOCATION L0000951	VOLUME	379383.308	3773725.679	109.76	LOCATION L0001025	VOLUME	379372.849	3773700.766	109.17
LOCATION L0000952	VOLUME	379383.289	3773720.679	109.58	LOCATION L0001026	VOLUME	379372.997	3773695.768	109.08
LOCATION L0000953	VOLUME	379383.271	3773715.679	109.53	LOCATION L0001027	VOLUME	379371.463	3773692.375	109.00
LOCATION L0000954	VOLUME	379383.253	3773710.679	109.48	LOCATION L0001028	VOLUME	379366.464	3773692.290	108.97
LOCATION L0000955	VOLUME	379383.235	3773705.679	109.43	LOCATION L0001029	VOLUME	379361.465	3773692.204	108.94
LOCATION L0000956	VOLUME	379383.217	3773700.679	109.39	LOCATION L0001030	VOLUME	379356.465	3773692.119	108.91
LOCATION L0000957	VOLUME	379383.198	3773695.679	109.34	LOCATION L0001031	VOLUME	379351.466	3773692.033	108.88
LOCATION L0000958	VOLUME	379383.180	3773690.679	109.28	LOCATION L0001032	VOLUME	379346.467	3773691.947	108.92
LOCATION L0000959	VOLUME	379383.162	3773685.679	109.19	LOCATION L0001033	VOLUME	379341.468	3773691.862	108.98
LOCATION L0000960	VOLUME	379382.066	3773681.737	109.08	LOCATION L0001034	VOLUME	379336.468	3773691.776	109.03
LOCATION L0000961	VOLUME	379377.067	3773681.627	108.90	LOCATION L0001035	VOLUME	379331.469	3773691.691	109.09
LOCATION L0000962	VOLUME	379372.069	3773681.518	108.85	LOCATION L0001036	VOLUME	379326.470	3773691.605	109.14
LOCATION L0000963	VOLUME	379367.070	3773681.408	108.84	LOCATION L0001037	VOLUME	379321.470	3773691.519	109.16
LOCATION L0000964	VOLUME	379362.071	3773681.299	108.83	LOCATION L0001038	VOLUME	379316.471	3773691.434	109.15
LOCATION L0000965	VOLUME	379357.072	3773681.189	108.82	LOCATION L0001039	VOLUME	379311.472	3773691.348	109.14
LOCATION L0000966	VOLUME	379352.073	3773681.080	108.81	LOCATION L0001040	VOLUME	379306.473	3773691.263	109.13
LOCATION L0000967	VOLUME	379347.075	3773680.970	108.84	LOCATION L0001041	VOLUME	379301.473	3773691.177	109.12
LOCATION L0000968	VOLUME	379342.076	3773680.860	108.89	LOCATION L0001042	VOLUME	379296.474	3773691.091	109.13
LOCATION L0000969	VOLUME	379337.077	3773680.751	108.93	LOCATION L0001043	VOLUME	379291.475	3773691.006	109.14
LOCATION L0000970	VOLUME	379332.078	3773680.641	108.98	LOCATION L0001044	VOLUME	379286.476	3773691.222	109.16
LOCATION L0000971	VOLUME	379327.079	3773680.532	109.02	LOCATION L0001045	VOLUME	379286.836	3773696.221	109.23
LOCATION L0000972	VOLUME	379322.081	3773680.422	109.04	LOCATION L0001046	VOLUME	379286.897	3773701.221	109.31
LOCATION L0000973	VOLUME	379317.082	3773680.313	109.04	LOCATION L0001047	VOLUME	379286.958	3773706.220	109.39
LOCATION L0000974	VOLUME	379312.083	3773680.203	109.03	LOCATION L0001048	VOLUME	379287.019	3773711.220	109.47
LOCATION L0000975	VOLUME	379307.084	3773680.093	109.03	LOCATION L0001049	VOLUME	379287.080	3773716.220	109.55
LOCATION L0000976	VOLUME	379302.085	3773679.984	109.03	LOCATION L0001050	VOLUME	379287.141	3773721.219	109.62
LOCATION L0000977	VOLUME	379297.087	3773679.874	109.02	LOCATION L0001051	VOLUME	379287.202	3773726.219	109.69
LOCATION L0000978	VOLUME	379292.088	3773679.765	109.03	LOCATION L0001052	VOLUME	379287.263	3773731.219	109.75
LOCATION L0000979	VOLUME	379287.089	3773679.655	109.03	LOCATION L0001053	VOLUME	379287.324	3773736.218	109.81
LOCATION L0000980	VOLUME	379282.090	3773679.546	109.03	LOCATION L0001054	VOLUME	379289.171	3773739.481	109.87
LOCATION L0000981	VOLUME	379277.091	3773679.436	109.03	LOCATION L0001055	VOLUME	379294.162	3773739.679	109.94
LOCATION L0000982	VOLUME	379275.242	3773682.546	109.07	LOCATION L0001056	VOLUME	379299.163	3773739.877	110.01
LOCATION L0000983	VOLUME	379275.242	3773687.546	109.14	LOCATION L0001057	VOLUME	379304.159	3773740.075	110.05

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LOCATION L0001058	VOLUME	379309.155	3773740.274	110.10	** Source Parameters **				
LOCATION L0001059	VOLUME	379314.151	3773740.472	110.15	** LINE VOLUME Source ID = MARKET				
LOCATION L0001060	VOLUME	379319.147	3773740.670	110.20	SRCPARAM L0001134	0.1666666667	3.66	4.65	1.16
LOCATION L0001061	VOLUME	379324.143	3773740.868	110.25	SRCPARAM L0001135	0.1666666667	3.66	4.65	1.16
LOCATION L0001062	VOLUME	379329.139	3773741.067	110.34	SRCPARAM L0001136	0.1666666667	3.66	4.65	1.16
LOCATION L0001063	VOLUME	379334.135	3773741.265	110.42	SRCPARAM L0001137	0.1666666667	3.66	4.65	1.16
LOCATION L0001064	VOLUME	379339.132	3773741.463	110.51	SRCPARAM L0001138	0.1666666667	3.66	4.65	1.16
LOCATION L0001065	VOLUME	379344.128	3773741.661	110.60	SRCPARAM L0001139	0.1666666667	3.66	4.65	1.16
LOCATION L0001066	VOLUME	379349.124	3773741.860	110.70	**				
LOCATION L0001067	VOLUME	379354.120	3773742.058	110.74	** LINE VOLUME Source ID = RESIDENTIAL				
LOCATION L0001068	VOLUME	379359.116	3773742.256	110.75	SRCPARAM L0001129	0.2	3.66	4.65	1.16
LOCATION L0001069	VOLUME	379361.894	3773740.114	110.62	SRCPARAM L0001130	0.2	3.66	4.65	1.16
LOCATION L0001070	VOLUME	379361.966	3773735.115	110.32	SRCPARAM L0001131	0.2	3.66	4.65	1.16
LOCATION L0001071	VOLUME	379362.037	3773730.115	110.01	SRCPARAM L0001132	0.2	3.66	4.65	1.16
LOCATION L0001072	VOLUME	379362.109	3773725.116	109.71	SRCPARAM L0001133	0.2	3.66	4.65	1.16
LOCATION L0001073	VOLUME	379362.180	3773720.116	109.53	**				
LOCATION L0001074	VOLUME	379362.252	3773715.117	109.42	** LINE VOLUME Source ID = CONST				
LOCATION L0001075	VOLUME	379362.323	3773710.117	109.32	SRCPARAM L0000588	0.0018484288	3.66	2.33	1.16
LOCATION L0001076	VOLUME	379362.394	3773705.118	109.21	SRCPARAM L0000589	0.0018484288	3.66	2.33	1.16
LOCATION L0001077	VOLUME	379361.595	3773700.969	109.12	SRCPARAM L0000590	0.0018484288	3.66	2.33	1.16
LOCATION L0001078	VOLUME	379361.595	3773700.923	109.10	SRCPARAM L0000591	0.0018484288	3.66	2.33	1.16
LOCATION L0001079	VOLUME	379351.595	3773700.877	109.07	SRCPARAM L0000592	0.0018484288	3.66	2.33	1.16
LOCATION L0001080	VOLUME	379346.596	3773700.831	109.09	SRCPARAM L0000593	0.0018484288	3.66	2.33	1.16
LOCATION L0001081	VOLUME	379341.596	3773700.784	109.12	SRCPARAM L0000594	0.0018484288	3.66	2.33	1.16
LOCATION L0001082	VOLUME	379336.596	3773700.738	109.15	SRCPARAM L0000595	0.0018484288	3.66	2.33	1.16
LOCATION L0001083	VOLUME	379331.596	3773700.692	109.18	SRCPARAM L0000596	0.0018484288	3.66	2.33	1.16
LOCATION L0001084	VOLUME	379326.596	3773700.646	109.21	SRCPARAM L0000597	0.0018484288	3.66	2.33	1.16
LOCATION L0001085	VOLUME	379321.597	3773700.600	109.23	SRCPARAM L0000598	0.0018484288	3.66	2.33	1.16
LOCATION L0001086	VOLUME	379316.597	3773700.554	109.25	SRCPARAM L0000599	0.0018484288	3.66	2.33	1.16
LOCATION L0001087	VOLUME	379311.597	3773700.508	109.26	SRCPARAM L0000600	0.0018484288	3.66	2.33	1.16
LOCATION L0001088	VOLUME	379306.597	3773700.462	109.27	SRCPARAM L0000601	0.0018484288	3.66	2.33	1.16
LOCATION L0001089	VOLUME	379301.598	3773700.416	109.28	SRCPARAM L0000602	0.0018484288	3.66	2.33	1.16
LOCATION L0001090	VOLUME	379298.318	3773702.089	109.32	SRCPARAM L0000603	0.0018484288	3.66	2.33	1.16
LOCATION L0001091	VOLUME	379298.368	3773707.089	109.43	SRCPARAM L0000604	0.0018484288	3.66	2.33	1.16
LOCATION L0001092	VOLUME	379298.417	3773712.089	109.53	SRCPARAM L0000605	0.0018484288	3.66	2.33	1.16
LOCATION L0001093	VOLUME	379298.467	3773717.088	109.64	SRCPARAM L0000606	0.0018484288	3.66	2.33	1.16
LOCATION L0001094	VOLUME	379298.516	3773722.088	109.74	SRCPARAM L0000607	0.0018484288	3.66	2.33	1.16
LOCATION L0001095	VOLUME	379298.566	3773727.088	109.82	SRCPARAM L0000608	0.0018484288	3.66	2.33	1.16
LOCATION L0001096	VOLUME	379300.441	3773730.244	109.87	SRCPARAM L0000609	0.0018484288	3.66	2.33	1.16
LOCATION L0001097	VOLUME	379305.441	3773730.244	109.84	SRCPARAM L0000610	0.0018484288	3.66	2.33	1.16
LOCATION L0001098	VOLUME	379310.441	3773730.244	109.80	SRCPARAM L0000611	0.0018484288	3.66	2.33	1.16
LOCATION L0001099	VOLUME	379315.441	3773730.244	109.77	SRCPARAM L0000612	0.0018484288	3.66	2.33	1.16
LOCATION L0001100	VOLUME	379320.441	3773730.244	109.74	SRCPARAM L0000613	0.0018484288	3.66	2.33	1.16
LOCATION L0001101	VOLUME	379325.441	3773730.244	109.71	SRCPARAM L0000614	0.0018484288	3.66	2.33	1.16
LOCATION L0001102	VOLUME	379330.441	3773730.244	109.77	SRCPARAM L0000615	0.0018484288	3.66	2.33	1.16
LOCATION L0001103	VOLUME	379335.441	3773730.244	109.83	SRCPARAM L0000616	0.0018484288	3.66	2.33	1.16
LOCATION L0001104	VOLUME	379340.441	3773730.244	109.89	SRCPARAM L0000617	0.0018484288	3.66	2.33	1.16
LOCATION L0001105	VOLUME	379345.441	3773730.244	109.95	SRCPARAM L0000618	0.0018484288	3.66	2.33	1.16
LOCATION L0001106	VOLUME	379350.441	3773730.244	110.01	SRCPARAM L0000619	0.0018484288	3.66	2.33	1.16
LOCATION L0001107	VOLUME	379353.880	3773728.684	109.92	SRCPARAM L0000620	0.0018484288	3.66	2.33	1.16
LOCATION L0001108	VOLUME	379353.880	3773723.684	109.61	SRCPARAM L0000621	0.0018484288	3.66	2.33	1.16
LOCATION L0001109	VOLUME	379353.880	3773718.684	109.48	SRCPARAM L0000622	0.0018484288	3.66	2.33	1.16
LOCATION L0001110	VOLUME	379353.880	3773713.684	109.37	SRCPARAM L0000623	0.0018484288	3.66	2.33	1.16
LOCATION L0001111	VOLUME	379352.423	3773710.151	109.29	SRCPARAM L0000624	0.0018484288	3.66	2.33	1.16
LOCATION L0001112	VOLUME	379347.423	3773710.182	109.28	SRCPARAM L0000625	0.0018484288	3.66	2.33	1.16
LOCATION L0001113	VOLUME	379342.423	3773710.214	109.28	SRCPARAM L0000626	0.0018484288	3.66	2.33	1.16
LOCATION L0001114	VOLUME	379337.423	3773710.246	109.28	SRCPARAM L0000627	0.0018484288	3.66	2.33	1.16
LOCATION L0001115	VOLUME	379332.423	3773710.278	109.28	SRCPARAM L0000628	0.0018484288	3.66	2.33	1.16
LOCATION L0001116	VOLUME	379327.423	3773710.310	109.29	SRCPARAM L0000629	0.0018484288	3.66	2.33	1.16
LOCATION L0001117	VOLUME	379322.423	3773710.342	109.31	SRCPARAM L0000630	0.0018484288	3.66	2.33	1.16
LOCATION L0001118	VOLUME	379317.423	3773710.373	109.35	SRCPARAM L0000631	0.0018484288	3.66	2.33	1.16
LOCATION L0001119	VOLUME	379312.424	3773710.405	109.39	SRCPARAM L0000632	0.0018484288	3.66	2.33	1.16
LOCATION L0001120	VOLUME	379307.470	3773710.479	109.43	SRCPARAM L0000633	0.0018484288	3.66	2.33	1.16
LOCATION L0001121	VOLUME	379307.909	3773715.460	109.51	SRCPARAM L0000634	0.0018484288	3.66	2.33	1.16
LOCATION L0001122	VOLUME	379308.349	3773720.440	109.59	SRCPARAM L0000635	0.0018484288	3.66	2.33	1.16
LOCATION L0001123	VOLUME	379313.305	3773720.488	109.52	SRCPARAM L0000636	0.0018484288	3.66	2.33	1.16
LOCATION L0001124	VOLUME	379318.305	3773720.488	109.45	SRCPARAM L0000637	0.0018484288	3.66	2.33	1.16
LOCATION L0001125	VOLUME	379323.305	3773720.488	109.38	SRCPARAM L0000638	0.0018484288	3.66	2.33	1.16
LOCATION L0001126	VOLUME	379328.305	3773720.488	109.37	SRCPARAM L0000639	0.0018484288	3.66	2.33	1.16
LOCATION L0001127	VOLUME	379333.305	3773720.488	109.40	SRCPARAM L0000640	0.0018484288	3.66	2.33	1.16
LOCATION L0001128	VOLUME	379338.305	3773720.488	109.44	SRCPARAM L0000641	0.0018484288	3.66	2.33	1.16
** End of LINE VOLUME Source ID = CONST					SRCPARAM L0000642	0.0018484288	3.66	2.33	1.16
LOCATION EGEN POINT		379253.360	3773785.130	109.940	SRCPARAM L0000643	0.0018484288	3.66	2.33	1.16
** DESCRSRC Emergency Generator					SRCPARAM L0000644	0.0018484288	3.66	2.33	1.16

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EMISFACT L0001120	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000696 L0000697 L0000698 L0000699 L0000700
EMISFACT L0001120	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000701	
EMISFACT L0001121	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000702 L0000703 L0000704 L0000705 L0000706
EMISFACT L0001121	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000707	
EMISFACT L0001121	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000708 L0000709 L0000710 L0000711 L0000712
EMISFACT L0001121	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000713	
EMISFACT L0001122	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000714 L0000715 L0000716 L0000717 L0000718
EMISFACT L0001122	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000719	
EMISFACT L0001122	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000720 L0000721 L0000722 L0000723 L0000724
EMISFACT L0001122	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000725	
EMISFACT L0001123	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000726 L0000727 L0000728 L0000729 L0000730
EMISFACT L0001123	HROFDY 1.0 1.0 1.0 1.0 1.0 1.0	L0000731	
EMISFACT L0001123	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000732 L0000733 L0000734 L0000735 L0000736
EMISFACT L0001123	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000737	
EMISFACT L0001124	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000738 L0000739 L0000740 L0000741 L0000742
EMISFACT L0001124	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000743	
EMISFACT L0001124	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000744 L0000745 L0000746 L0000747 L0000748
EMISFACT L0001124	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000749	
EMISFACT L0001125	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000750 L0000751 L0000752 L0000753 L0000754
EMISFACT L0001125	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000755	
EMISFACT L0001125	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000756 L0000757 L0000758 L0000759 L0000760
EMISFACT L0001125	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000761	
EMISFACT L0001126	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000762 L0000763 L0000764 L0000765 L0000766
EMISFACT L0001126	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000767	
EMISFACT L0001126	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000768 L0000769 L0000770 L0000771 L0000772
EMISFACT L0001126	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000773	
EMISFACT L0001127	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000774 L0000775 L0000776 L0000777 L0000778
EMISFACT L0001127	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000779	
EMISFACT L0001127	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000780 L0000781 L0000782 L0000783 L0000784
EMISFACT L0001127	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000785	
EMISFACT L0001128	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000786 L0000787 L0000788 L0000789 L0000790
EMISFACT L0001128	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000791	
EMISFACT L0001128	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000792 L0000793 L0000794 L0000795 L0000796
EMISFACT L0001128	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000797	
EMISFACT EGEN	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	SRCGROUP CONST	L0000798 L0000799 L0000800 L0000801 L0000802
EMISFACT EGEN	HROFDY 0.0 1.0 1.0 1.0 1.0 1.0	L0000803	
EMISFACT EGEN	HROFDY 1.0 1.0 1.0 0.0 0.0 0.0	SRCGROUP CONST	L0000804 L0000805 L0000806 L0000807 L0000808
EMISFACT EGEN	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0	L0000809	
SRCGROUP CONST	L0000588 L0000589 L0000590 L0000591 L0000592	SRCGROUP CONST	L0000810 L0000811 L0000812 L0000813 L0000814
L0000593		L0000815	
SRCGROUP CONST	L0000594 L0000595 L0000596 L0000597 L0000598	SRCGROUP CONST	L0000816 L0000817 L0000818 L0000819 L0000820
L0000599		L0000821	
SRCGROUP CONST	L0000600 L0000601 L0000602 L0000603 L0000604	SRCGROUP CONST	L0000822 L0000823 L0000824 L0000825 L0000826
L0000605		L0000827	
SRCGROUP CONST	L0000606 L0000607 L0000608 L0000609 L0000610	SRCGROUP CONST	L0000828 L0000829 L0000830 L0000831 L0000832
L0000611		L0000833	
SRCGROUP CONST	L0000612 L0000613 L0000614 L0000615 L0000616	SRCGROUP CONST	L0000834 L0000835 L0000836 L0000837 L0000838
L0000617		L0000839	
SRCGROUP CONST	L0000618 L0000619 L0000620 L0000621 L0000622	SRCGROUP CONST	L0000840 L0000841 L0000842 L0000843 L0000844
L0000623		L0000845	
SRCGROUP CONST	L0000624 L0000625 L0000626 L0000627 L0000628	SRCGROUP CONST	L0000846 L0000847 L0000848 L0000849 L0000850
L0000629		L0000851	
SRCGROUP CONST	L0000630 L0000631 L0000632 L0000633 L0000634	SRCGROUP CONST	L0000852 L0000853 L0000854 L0000855 L0000856
L0000635		L0000857	
SRCGROUP CONST	L0000636 L0000637 L0000638 L0000639 L0000640	SRCGROUP CONST	L0000858 L0000859 L0000860 L0000861 L0000862
L0000641		L0000863	
SRCGROUP CONST	L0000642 L0000643 L0000644 L0000645 L0000646	SRCGROUP CONST	L0000864 L0000865 L0000866 L0000867 L0000868
L0000647		L0000869	
SRCGROUP CONST	L0000648 L0000649 L0000650 L0000651 L0000652	SRCGROUP CONST	L0000870 L0000871 L0000872 L0000873 L0000874
L0000653		L0000875	
SRCGROUP CONST	L0000654 L0000655 L0000656 L0000657 L0000658	SRCGROUP CONST	L0000876 L0000877 L0000878 L0000879 L0000880
L0000659		L0000881	
SRCGROUP CONST	L0000660 L0000661 L0000662 L0000663 L0000664	SRCGROUP CONST	L0000882 L0000883 L0000884 L0000885 L0000886
L0000665		L0000887	
SRCGROUP CONST	L0000666 L0000667 L0000668 L0000669 L0000670	SRCGROUP CONST	L0000888 L0000889 L0000890 L0000891 L0000892
L0000671		L0000893	
SRCGROUP CONST	L0000672 L0000673 L0000674 L0000675 L0000676	SRCGROUP CONST	L0000894 L0000895 L0000896 L0000897 L0000898
L0000677		L0000899	
SRCGROUP CONST	L0000678 L0000679 L0000680 L0000681 L0000682	SRCGROUP CONST	L0000900 L0000901 L0000902 L0000903 L0000904
L0000683		L0000905	
SRCGROUP CONST	L0000684 L0000685 L0000686 L0000687 L0000688	SRCGROUP CONST	L0000906 L0000907 L0000908 L0000909 L0000910
L0000689		L0000911	
SRCGROUP CONST	L0000690 L0000691 L0000692 L0000693 L0000694	SRCGROUP CONST	L0000912 L0000913 L0000914 L0000915 L0000916
L0000695		L0000917	

Sunset and Western – Health Risk Assessment AERMOD Output File

SRCGROUP CONST L0000918 L0000919 L0000920 L0000921 L0000922
L0000923
SRCGROUP CONST L0000924 L0000925 L0000926 L0000927 L0000928
L0000929
SRCGROUP CONST L0000930 L0000931 L0000932 L0000933 L0000934
L0000935
SRCGROUP CONST L0000936 L0000937 L0000938 L0000939 L0000940
L0000941
SRCGROUP CONST L0000942 L0000943 L0000944 L0000945 L0000946
L0000947
SRCGROUP CONST L0000948 L0000949 L0000950 L0000951 L0000952
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SRCGROUP CONST L0000954 L0000955 L0000956 L0000957 L0000958
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SRCGROUP CONST L0000960 L0000961 L0000962 L0000963 L0000964
L0000965
SRCGROUP CONST L0000966 L0000967 L0000968 L0000969 L0000970
L0000971
SRCGROUP CONST L0000972 L0000973 L0000974 L0000975 L0000976
L0000977
SRCGROUP CONST L0000978 L0000979 L0000980 L0000981 L0000982
L0000983
SRCGROUP CONST L0000984 L0000985 L0000986 L0000987 L0000988
L0000989
SRCGROUP CONST L0000990 L0000991 L0000992 L0000993 L0000994
L0000995
SRCGROUP CONST L0000996 L0000997 L0000998 L0000999 L0001000
L0001001
SRCGROUP CONST L0001002 L0001003 L0001004 L0001005 L0001006
L0001007
SRCGROUP CONST L0001008 L0001009 L0001010 L0001011 L0001012
L0001013
SRCGROUP CONST L0001014 L0001015 L0001016 L0001017 L0001018
L0001019
SRCGROUP CONST L0001020 L0001021 L0001022 L0001023 L0001024
L0001025
SRCGROUP CONST L0001026 L0001027 L0001028 L0001029 L0001030
L0001031
SRCGROUP CONST L0001032 L0001033 L0001034 L0001035 L0001036
L0001037
SRCGROUP CONST L0001038 L0001039 L0001040 L0001041 L0001042
L0001043
SRCGROUP CONST L0001044 L0001045 L0001046 L0001047 L0001048
L0001049
SRCGROUP CONST L0001050 L0001051 L0001052 L0001053 L0001054
L0001055
SRCGROUP CONST L0001056 L0001057 L0001058 L0001059 L0001060
L0001061
SRCGROUP CONST L0001062 L0001063 L0001064 L0001065 L0001066
L0001067
SRCGROUP CONST L0001068 L0001069 L0001070 L0001071 L0001072
L0001073
SRCGROUP CONST L0001074 L0001075 L0001076 L0001077 L0001078
L0001079
SRCGROUP CONST L0001080 L0001081 L0001082 L0001083 L0001084
L0001085
SRCGROUP CONST L0001086 L0001087 L0001088 L0001089 L0001090
L0001091
SRCGROUP CONST L0001092 L0001093 L0001094 L0001095 L0001096
L0001097
SRCGROUP CONST L0001098 L0001099 L0001100 L0001101 L0001102
L0001103
SRCGROUP CONST L0001104 L0001105 L0001106 L0001107 L0001108
L0001109
SRCGROUP CONST L0001110 L0001111 L0001112 L0001113 L0001114
L0001115
SRCGROUP CONST L0001116 L0001117 L0001118 L0001119 L0001120
L0001121
SRCGROUP CONST L0001122 L0001123 L0001124 L0001125 L0001126
L0001127
SRCGROUP CONST L0001128
SRCGROUP EGEN EGEN
SRCGROUP MARKET L0001134 L0001135 L0001136 L0001137 L0001138
L0001139

SRCGROUP RESIDENT L0001129 L0001130 L0001131 L0001132 L0001133
SO FINISHED
**

** AERMOD Receptor Pathway

**
**
RE STARTING
INCLUDED SunsetWestern.rou
RE FINISHED
**

** AERMOD Meteorology Pathway

**
**
ME STARTING
SURFFILE Met\CELA_v9.SFC
PROFFILE Met\CELA_v9.PFL
SURFDATA 93134 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 87.0 METERS
ME FINISHED
**

** AERMOD Output Pathway

**
**
OU STARTING
** Auto-Generated Plotfiles
PLOTFILE PERIOD CONST SunsetWestern.AD\PE00G001.PLT 31
PLOTFILE PERIOD EGEN SunsetWestern.AD\PE00G002.PLT 32
PLOTFILE PERIOD MARKET SunsetWestern.AD\PE00G003.PLT 33
PLOTFILE PERIOD RESIDENT SunsetWestern.AD\PE00G004.PLT 34
SUMMFILE SunsetWestern.sum
OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
SO W320 1225 PPARM: Input Parameter May Be Out-of-Range for Parameter
VS
ME W186 3559 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
used 0.50
ME W187 3559 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** **
*** 17:23:32
PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** MODEL SETUP OPTIONS SUMMARY ***

**Approximate Storage Requirements of Model = 3.9 MB of RAM.
**Input Runstream File: aermod.inp
**Output Print File: aermod.out
**Detailed Error/Message File: SunsetWestern.err
**File for Summary of Results: SunsetWestern.sum

**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 553 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9818605.0 ; 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
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 553 Source(s); 4 Source Group(s); and 224 Receptor(s)

with: 1 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 552 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 PERIOD 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) = 87.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit
Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

STACK	BLDG	URBAN	CAP/	EMIS	RATE	BASE	STACK	STACK	STACK										
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT	VEL.	DIAMETER	EXISTS	SOURCE	HOR	SCALAR					
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)		(M/SEC)	(METERS)		VARY	BY						

EGEN 0 0.10000E+01 379253.4 3773785.1 109.9 4.57 728.15 58.08
0.15 NO YES NO HROFDY

Sunset and Western – Health Risk Assessment AERMOD Output File

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 PAGE 3
 *** MODELOPTs: RegDEFAULT 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)						
(METERS)	BY												
L0000605	0	0.18484E-02	379329.3	3773793.5	110.7	3.66	2.33	1.16	YES	HROFDY			
L0000606	0	0.18484E-02	379334.3	3773793.5	110.7	3.66	2.33	1.16	YES	HROFDY			
L0000607	0	0.18484E-02	379339.3	3773793.4	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000608	0	0.18484E-02	379344.3	3773793.4	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000609	0	0.18484E-02	379349.3	3773793.3	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000610	0	0.18484E-02	379354.3	3773793.2	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000611	0	0.18484E-02	379359.3	3773793.2	110.9	3.66	2.33	1.16	YES	HROFDY			
L0000612	0	0.18484E-02	379364.3	3773793.1	110.9	3.66	2.33	1.16	YES	HROFDY			
L0000613	0	0.18484E-02	379369.3	3773793.1	110.9	3.66	2.33	1.16	YES	HROFDY			
L0000614	0	0.18484E-02	379374.3	3773793.0	110.9	3.66	2.33	1.16	YES	HROFDY			
L0000615	0	0.18484E-02	379379.3	3773793.0	111.0	3.66	2.33	1.16	YES	HROFDY			
L0000616	0	0.18484E-02	379384.3	3773792.9	111.0	3.66	2.33	1.16	YES	HROFDY			
L0001134	0	0.16667E+00	379411.6	3773790.0	111.0	3.66	4.65	1.16	YES	HROFDY			
L0001135	0	0.16667E+00	379411.6	3773780.0	110.9	3.66	4.65	1.16	YES	HROFDY			
L0001136	0	0.16667E+00	379411.6	3773770.0	110.8	3.66	4.65	1.16	YES	HROFDY			
L0001137	0	0.16667E+00	379411.7	3773760.0	110.7	3.66	4.65	1.16	YES	HROFDY			
L0001138	0	0.16667E+00	379411.7	3773750.0	110.5	3.66	4.65	1.16	YES	HROFDY			
L0001139	0	0.16667E+00	379411.8	3773740.0	110.3	3.66	4.65	1.16	YES	HROFDY			
L0001129	0	0.20000E+00	379243.0	3773723.7	109.1	3.66	4.65	1.16	YES	HROFDY			
L0001130	0	0.20000E+00	379253.0	3773723.7	109.3	3.66	4.65	1.16	YES	HROFDY			
L0001131	0	0.20000E+00	379263.0	3773723.7	109.4	3.66	4.65	1.16	YES	HROFDY			
L0001132	0	0.20000E+00	379273.0	3773723.7	109.5	3.66	4.65	1.16	YES	HROFDY			
L0001133	0	0.20000E+00	379283.0	3773723.7	109.6	3.66	4.65	1.16	YES	HROFDY			
L0000588	0	0.18484E-02	379244.3	3773794.4	109.9	3.66	2.33	1.16	YES	HROFDY			
L0000589	0	0.18484E-02	379249.3	3773794.3	109.9	3.66	2.33	1.16	YES	HROFDY			
L0000590	0	0.18484E-02	379254.3	3773794.3	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000591	0	0.18484E-02	379259.3	3773794.2	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000592	0	0.18484E-02	379264.3	3773794.2	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000593	0	0.18484E-02	379269.3	3773794.1	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000594	0	0.18484E-02	379274.3	3773794.1	110.1	3.66	2.33	1.16	YES	HROFDY			
L0000595	0	0.18484E-02	379279.3	3773794.0	110.1	3.66	2.33	1.16	YES	HROFDY			
L0000596	0	0.18484E-02	379284.3	3773794.0	110.1	3.66	2.33	1.16	YES	HROFDY			
L0000597	0	0.18484E-02	379289.3	3773793.9	110.2	3.66	2.33	1.16	YES	HROFDY			
L0000598	0	0.18484E-02	379294.3	3773793.9	110.2	3.66	2.33	1.16	YES	HROFDY			
L0000599	0	0.18484E-02	379299.3	3773793.8	110.3	3.66	2.33	1.16	YES	HROFDY			
L0000600	0	0.18484E-02	379304.3	3773793.8	110.3	3.66	2.33	1.16	YES	HROFDY			
L0000601	0	0.18484E-02	379309.3	3773793.7	110.4	3.66	2.33	1.16	YES	HROFDY			
L0000602	0	0.18484E-02	379314.3	3773793.7	110.5	3.66	2.33	1.16	YES	HROFDY			
L0000603	0	0.18484E-02	379319.3	3773793.6	110.6	3.66	2.33	1.16	YES	HROFDY			
L0000604	0	0.18484E-02	379324.3	3773793.6	110.7	3.66	2.33	1.16	YES	HROFDY			

Sunset and Western – Health Risk Assessment AERMOD Output File

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PAGE 4
*** MODELOPTs: RegDEFAULT 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
-----
L0000617 0 0.18484E-02 379389.3 3773792.9 111.0 3.66 2.33 1.16
YES HROFDY
L0000618 0 0.18484E-02 379394.3 3773792.8 111.0 3.66 2.33 1.16
YES HROFDY
L0000619 0 0.18484E-02 379399.3 3773792.8 111.0 3.66 2.33 1.16
YES HROFDY
L0000620 0 0.18484E-02 379404.3 3773792.7 111.0 3.66 2.33 1.16
YES HROFDY
L0000621 0 0.18484E-02 379409.3 3773792.7 111.0 3.66 2.33 1.16
YES HROFDY
L0000622 0 0.18484E-02 379414.3 3773792.6 111.0 3.66 2.33 1.16
YES HROFDY
L0000623 0 0.18484E-02 379416.0 3773789.3 110.9 3.66 2.33 1.16
YES HROFDY
L0000624 0 0.18484E-02 379416.0 3773784.3 110.9 3.66 2.33 1.16
YES HROFDY
L0000625 0 0.18484E-02 379416.0 3773779.3 110.8 3.66 2.33 1.16
YES HROFDY
L0000626 0 0.18484E-02 379416.0 3773774.3 110.8 3.66 2.33 1.16
YES HROFDY
L0000627 0 0.18484E-02 379416.0 3773769.3 110.7 3.66 2.33 1.16
YES HROFDY
L0000628 0 0.18484E-02 379416.0 3773764.3 110.7 3.66 2.33 1.16
YES HROFDY
L0000629 0 0.18484E-02 379416.0 3773759.3 110.6 3.66 2.33 1.16
YES HROFDY
L0000630 0 0.18484E-02 379416.0 3773754.3 110.6 3.66 2.33 1.16
YES HROFDY
L0000631 0 0.18484E-02 379416.0 3773749.3 110.5 3.66 2.33 1.16
YES HROFDY
L0000632 0 0.18484E-02 379416.0 3773744.3 110.3 3.66 2.33 1.16
YES HROFDY
L0000633 0 0.18484E-02 379416.0 3773739.3 110.2 3.66 2.33 1.16
YES HROFDY
L0000634 0 0.18484E-02 379416.0 3773734.3 110.1 3.66 2.33 1.16
YES HROFDY
L0000635 0 0.18484E-02 379416.0 3773729.3 110.0 3.66 2.33 1.16
YES HROFDY
L0000636 0 0.18484E-02 379416.0 3773724.3 109.9 3.66 2.33 1.16
YES HROFDY
L0000637 0 0.18484E-02 379416.0 3773719.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000638 0 0.18484E-02 379416.0 3773714.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000639 0 0.18484E-02 379416.0 3773709.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000640 0 0.18484E-02 379416.0 3773704.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000641 0 0.18484E-02 379416.0 3773699.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000642 0 0.18484E-02 379416.0 3773694.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000643 0 0.18484E-02 379416.0 3773689.3 109.8 3.66 2.33 1.16
YES HROFDY
L0000644 0 0.18484E-02 379416.0 3773684.3 109.7 3.66 2.33 1.16
YES HROFDY
L0000645 0 0.18484E-02 379416.0 3773679.3 109.6 3.66 2.33 1.16
YES HROFDY
L0000646 0 0.18484E-02 379416.0 3773674.3 109.5 3.66 2.33 1.16
YES HROFDY
L0000647 0 0.18484E-02 379416.0 3773669.3 109.4 3.66 2.33 1.16
YES HROFDY
L0000648 0 0.18484E-02 379416.0 3773664.3 109.3 3.66 2.33 1.16
YES HROFDY
L0000649 0 0.18484E-02 379416.0 3773659.3 109.2 3.66 2.33 1.16
YES HROFDY
L0000650 0 0.18484E-02 379416.0 3773654.3 109.2 3.66 2.33 1.16
YES HROFDY
L0000651 0 0.18484E-02 379416.0 3773649.3 109.2 3.66 2.33 1.16
YES HROFDY
L0000652 0 0.18484E-02 379414.5 3773645.7 109.1 3.66 2.33 1.16
YES HROFDY
L0000653 0 0.18484E-02 379409.5 3773645.7 109.1 3.66 2.33 1.16
YES HROFDY
L0000654 0 0.18484E-02 379404.5 3773645.7 109.1 3.66 2.33 1.16
YES HROFDY
L0000655 0 0.18484E-02 379399.5 3773645.7 109.1 3.66 2.33 1.16
YES HROFDY
L0000656 0 0.18484E-02 379394.5 3773645.7 108.9 3.66 2.33 1.16
YES HROFDY

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMET - VERSION 16216 *** ***
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PAGE 5
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
    
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*** 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)												
(METERS)	BY																		
L0000657	0	0.18484E-02	379389.5	3773645.7	108.8	3.66	2.33	1.16	YES	HROFDY	L0000685	0	0.18484E-02	379249.5	3773645.7	107.2	3.66	2.33	1.16
L0000658	0	0.18484E-02	379384.5	3773645.7	108.6	3.66	2.33	1.16	YES	HROFDY	L0000686	0	0.18484E-02	379244.5	3773645.7	107.3	3.66	2.33	1.16
L0000659	0	0.18484E-02	379379.5	3773645.7	108.5	3.66	2.33	1.16	YES	HROFDY	L0000687	0	0.18484E-02	379241.0	3773647.1	107.5	3.66	2.33	1.16
L0000660	0	0.18484E-02	379374.5	3773645.7	108.4	3.66	2.33	1.16	YES	HROFDY	L0000688	0	0.18484E-02	379241.0	3773652.1	107.8	3.66	2.33	1.16
L0000661	0	0.18484E-02	379369.5	3773645.7	108.4	3.66	2.33	1.16	YES	HROFDY	L0000689	0	0.18484E-02	379241.0	3773657.1	108.1	3.66	2.33	1.16
L0000662	0	0.18484E-02	379364.5	3773645.7	108.5	3.66	2.33	1.16	YES	HROFDY	L0000690	0	0.18484E-02	379241.0	3773662.1	108.4	3.66	2.33	1.16
L0000663	0	0.18484E-02	379359.5	3773645.7	108.5	3.66	2.33	1.16	YES	HROFDY	L0000691	0	0.18484E-02	379241.0	3773667.1	108.5	3.66	2.33	1.16
L0000664	0	0.18484E-02	379354.5	3773645.7	108.6	3.66	2.33	1.16	YES	HROFDY	L0000692	0	0.18484E-02	379241.1	3773672.1	108.5	3.66	2.33	1.16
L0000665	0	0.18484E-02	379349.5	3773645.7	108.6	3.66	2.33	1.16	YES	HROFDY	L0000693	0	0.18484E-02	379241.1	3773677.1	108.6	3.66	2.33	1.16
L0000666	0	0.18484E-02	379344.5	3773645.7	108.6	3.66	2.33	1.16	YES	HROFDY	L0000694	0	0.18484E-02	379241.1	3773682.1	108.6	3.66	2.33	1.16
L0000667	0	0.18484E-02	379339.5	3773645.7	108.5	3.66	2.33	1.16	YES	HROFDY	L0000695	0	0.18484E-02	379241.1	3773687.1	108.7	3.66	2.33	1.16
L0000668	0	0.18484E-02	379334.5	3773645.7	108.4	3.66	2.33	1.16	YES	HROFDY	L0000696	0	0.18484E-02	379241.1	3773692.1	108.7	3.66	2.33	1.16
L0000669	0	0.18484E-02	379329.5	3773645.7	108.4	3.66	2.33	1.16	YES	HROFDY									
L0000670	0	0.18484E-02	379324.5	3773645.7	108.3	3.66	2.33	1.16	YES	HROFDY									
L0000671	0	0.18484E-02	379319.5	3773645.7	108.0	3.66	2.33	1.16	YES	HROFDY									
L0000672	0	0.18484E-02	379314.5	3773645.7	107.8	3.66	2.33	1.16	YES	HROFDY									
L0000673	0	0.18484E-02	379309.5	3773645.7	107.5	3.66	2.33	1.16	YES	HROFDY									
L0000674	0	0.18484E-02	379304.5	3773645.7	107.2	3.66	2.33	1.16	YES	HROFDY									
L0000675	0	0.18484E-02	379299.5	3773645.7	107.0	3.66	2.33	1.16	YES	HROFDY									
L0000676	0	0.18484E-02	379294.5	3773645.7	106.9	3.66	2.33	1.16	YES	HROFDY									
L0000677	0	0.18484E-02	379289.5	3773645.7	106.9	3.66	2.33	1.16	YES	HROFDY									
L0000678	0	0.18484E-02	379284.5	3773645.7	106.9	3.66	2.33	1.16	YES	HROFDY									
L0000679	0	0.18484E-02	379279.5	3773645.7	106.8	3.66	2.33	1.16	YES	HROFDY									
L0000680	0	0.18484E-02	379274.5	3773645.7	106.8	3.66	2.33	1.16	YES	HROFDY									
L0000681	0	0.18484E-02	379269.5	3773645.7	106.9	3.66	2.33	1.16	YES	HROFDY									
L0000682	0	0.18484E-02	379264.5	3773645.7	107.0	3.66	2.33	1.16	YES	HROFDY									
L0000683	0	0.18484E-02	379259.5	3773645.7	107.0	3.66	2.33	1.16	YES	HROFDY									
L0000684	0	0.18484E-02	379254.5	3773645.7	107.1	3.66	2.33	1.16	YES	HROFDY									

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*** MODELOPTs: RegDEFAULT 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)						
(METERS)	BY												
L0000725	0	0.18484E-02	379293.4	3773784.6	110.2	3.66	2.33	1.16	YES	HROFDY			
L0000726	0	0.18484E-02	379298.4	3773784.5	110.3	3.66	2.33	1.16	YES	HROFDY			
L0000727	0	0.18484E-02	379303.4	3773784.4	110.3	3.66	2.33	1.16	YES	HROFDY			
L0000728	0	0.18484E-02	379308.4	3773784.4	110.4	3.66	2.33	1.16	YES	HROFDY			
L0000729	0	0.18484E-02	379313.4	3773784.3	110.5	3.66	2.33	1.16	YES	HROFDY			
L0000730	0	0.18484E-02	379318.4	3773784.2	110.6	3.66	2.33	1.16	YES	HROFDY			
L0000731	0	0.18484E-02	379323.4	3773784.2	110.7	3.66	2.33	1.16	YES	HROFDY			
L0000732	0	0.18484E-02	379328.4	3773784.1	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000733	0	0.18484E-02	379333.4	3773784.0	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000734	0	0.18484E-02	379338.4	3773784.0	110.8	3.66	2.33	1.16	YES	HROFDY			
L0000735	0	0.18484E-02	379343.4	3773783.9	110.9	3.66	2.33	1.16	YES	HROFDY			
L0000736	0	0.18484E-02	379348.4	3773783.8	110.9	3.66	2.33	1.16	YES	HROFDY			
L0000697	0	0.18484E-02	379241.2	3773697.1	108.8	3.66	2.33	1.16	YES	HROFDY			
L0000698	0	0.18484E-02	379241.2	3773702.1	108.8	3.66	2.33	1.16	YES	HROFDY			
L0000699	0	0.18484E-02	379241.2	3773707.1	108.9	3.66	2.33	1.16	YES	HROFDY			
L0000700	0	0.18484E-02	379241.2	3773712.1	109.0	3.66	2.33	1.16	YES	HROFDY			
L0000701	0	0.18484E-02	379241.3	3773717.1	109.0	3.66	2.33	1.16	YES	HROFDY			
L0000702	0	0.18484E-02	379241.3	3773722.1	109.1	3.66	2.33	1.16	YES	HROFDY			
L0000703	0	0.18484E-02	379241.3	3773727.1	109.1	3.66	2.33	1.16	YES	HROFDY			
L0000704	0	0.18484E-02	379241.3	3773732.1	109.2	3.66	2.33	1.16	YES	HROFDY			
L0000705	0	0.18484E-02	379241.3	3773737.1	109.2	3.66	2.33	1.16	YES	HROFDY			
L0000706	0	0.18484E-02	379241.4	3773742.1	109.2	3.66	2.33	1.16	YES	HROFDY			
L0000707	0	0.18484E-02	379241.4	3773747.1	109.3	3.66	2.33	1.16	YES	HROFDY			
L0000708	0	0.18484E-02	379241.4	3773752.1	109.3	3.66	2.33	1.16	YES	HROFDY			
L0000709	0	0.18484E-02	379241.4	3773757.1	109.4	3.66	2.33	1.16	YES	HROFDY			
L0000710	0	0.18484E-02	379241.4	3773762.1	109.4	3.66	2.33	1.16	YES	HROFDY			
L0000711	0	0.18484E-02	379241.5	3773767.1	109.5	3.66	2.33	1.16	YES	HROFDY			
L0000712	0	0.18484E-02	379241.5	3773772.1	109.6	3.66	2.33	1.16	YES	HROFDY			
L0000713	0	0.18484E-02	379241.5	3773777.1	109.7	3.66	2.33	1.16	YES	HROFDY			
L0000714	0	0.18484E-02	379241.5	3773782.1	109.7	3.66	2.33	1.16	YES	HROFDY			
L0000715	0	0.18484E-02	379243.4	3773785.2	109.8	3.66	2.33	1.16	YES	HROFDY			
L0000716	0	0.18484E-02	379248.4	3773785.1	109.9	3.66	2.33	1.16	YES	HROFDY			
L0000717	0	0.18484E-02	379253.4	3773785.1	109.9	3.66	2.33	1.16	YES	HROFDY			
L0000718	0	0.18484E-02	379258.4	3773785.0	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000719	0	0.18484E-02	379263.4	3773784.9	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000720	0	0.18484E-02	379268.4	3773784.9	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000721	0	0.18484E-02	379273.4	3773784.8	110.0	3.66	2.33	1.16	YES	HROFDY			
L0000722	0	0.18484E-02	379278.4	3773784.8	110.1	3.66	2.33	1.16	YES	HROFDY			
L0000723	0	0.18484E-02	379283.4	3773784.7	110.1	3.66	2.33	1.16	YES	HROFDY			
L0000724	0	0.18484E-02	379288.4	3773784.6	110.2	3.66	2.33	1.16	YES	HROFDY			

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*** MODELOPTs: RegDEFAULT 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)														
(METERS)	BY																				
L0000765	0	0.18484E-02	379403.9	3773690.7	110.0	3.66	2.33	1.16	YES	HROFDY											
L0000766	0	0.18484E-02	379404.1	3773685.7	109.8	3.66	2.33	1.16	YES	HROFDY											
L0000767	0	0.18484E-02	379404.3	3773680.7	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000768	0	0.18484E-02	379404.4	3773675.7	109.6	3.66	2.33	1.16	YES	HROFDY											
L0000769	0	0.18484E-02	379404.6	3773670.7	109.5	3.66	2.33	1.16	YES	HROFDY											
L0000770	0	0.18484E-02	379404.8	3773665.7	109.3	3.66	2.33	1.16	YES	HROFDY											
L0000771	0	0.18484E-02	379404.9	3773660.7	109.2	3.66	2.33	1.16	YES	HROFDY											
L0000772	0	0.18484E-02	379403.2	3773657.5	109.2	3.66	2.33	1.16	YES	HROFDY											
L0000773	0	0.18484E-02	379398.2	3773657.4	109.1	3.66	2.33	1.16	YES	HROFDY											
L0000774	0	0.18484E-02	379393.2	3773657.4	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000775	0	0.18484E-02	379388.2	3773657.3	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000776	0	0.18484E-02	379383.2	3773657.3	108.7	3.66	2.33	1.16	YES	HROFDY											
L0000737	0	0.18484E-02	379353.4	3773783.8	110.9	3.66	2.33	1.16	YES	HROFDY											
L0000738	0	0.18484E-02	379358.4	3773783.7	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000739	0	0.18484E-02	379363.4	3773783.6	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000740	0	0.18484E-02	379368.4	3773783.6	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000741	0	0.18484E-02	379373.4	3773783.5	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000742	0	0.18484E-02	379378.4	3773783.5	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000743	0	0.18484E-02	379383.4	3773783.4	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000744	0	0.18484E-02	379388.4	3773783.3	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000745	0	0.18484E-02	379393.4	3773783.3	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000746	0	0.18484E-02	379398.4	3773783.2	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000747	0	0.18484E-02	379401.0	3773780.6	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000748	0	0.18484E-02	379401.1	3773775.6	111.0	3.66	2.33	1.16	YES	HROFDY											
L0000749	0	0.18484E-02	379401.3	3773770.6	110.9	3.66	2.33	1.16	YES	HROFDY											
L0000750	0	0.18484E-02	379401.5	3773765.6	110.9	3.66	2.33	1.16	YES	HROFDY											
L0000751	0	0.18484E-02	379401.6	3773760.7	110.8	3.66	2.33	1.16	YES	HROFDY											
L0000752	0	0.18484E-02	379401.8	3773755.7	110.8	3.66	2.33	1.16	YES	HROFDY											
L0000753	0	0.18484E-02	379402.0	3773750.7	110.7	3.66	2.33	1.16	YES	HROFDY											
L0000754	0	0.18484E-02	379402.1	3773745.7	110.5	3.66	2.33	1.16	YES	HROFDY											
L0000755	0	0.18484E-02	379402.3	3773740.7	110.3	3.66	2.33	1.16	YES	HROFDY											
L0000756	0	0.18484E-02	379402.5	3773735.7	110.1	3.66	2.33	1.16	YES	HROFDY											
L0000757	0	0.18484E-02	379402.6	3773730.7	109.9	3.66	2.33	1.16	YES	HROFDY											
L0000758	0	0.18484E-02	379402.8	3773725.7	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000759	0	0.18484E-02	379402.9	3773720.7	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000760	0	0.18484E-02	379403.1	3773715.7	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000761	0	0.18484E-02	379403.3	3773710.7	109.8	3.66	2.33	1.16	YES	HROFDY											
L0000762	0	0.18484E-02	379403.4	3773705.7	109.8	3.66	2.33	1.16	YES	HROFDY											
L0000763	0	0.18484E-02	379403.6	3773700.7	109.9	3.66	2.33	1.16	YES	HROFDY											
L0000764	0	0.18484E-02	379403.8	3773695.7	109.9	3.66	2.33	1.16	YES	HROFDY											

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*** MODELOPTs: RegDEFAULT 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)	(METERS)											
(METERS)	BY																		
L0000777	0	0.18484E-02	379378.2	3773657.2	108.6	3.66	2.33	1.16	YES	HROFDY	L0000805	0	0.18484E-02	379251.4	3773668.8	108.6	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000778	0	0.18484E-02	379373.2	3773657.2	108.5	3.66	2.33	1.16	YES	HROFDY	L0000806	0	0.18484E-02	379251.4	3773673.8	108.6	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000779	0	0.18484E-02	379368.2	3773657.1	108.5	3.66	2.33	1.16	YES	HROFDY	L0000807	0	0.18484E-02	379251.4	3773678.8	108.7	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000780	0	0.18484E-02	379363.2	3773657.0	108.6	3.66	2.33	1.16	YES	HROFDY	L0000808	0	0.18484E-02	379251.4	3773683.8	108.8	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000781	0	0.18484E-02	379358.2	3773657.0	108.6	3.66	2.33	1.16	YES	HROFDY	L0000809	0	0.18484E-02	379251.5	3773688.8	108.8	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000782	0	0.18484E-02	379353.2	3773656.9	108.6	3.66	2.33	1.16	YES	HROFDY	L0000810	0	0.18484E-02	379251.5	3773693.8	108.9	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000783	0	0.18484E-02	379348.2	3773656.9	108.7	3.66	2.33	1.16	YES	HROFDY	L0000811	0	0.18484E-02	379251.5	3773698.8	108.9	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000784	0	0.18484E-02	379343.2	3773656.8	108.7	3.66	2.33	1.16	YES	HROFDY	L0000812	0	0.18484E-02	379251.5	3773703.8	109.0	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000785	0	0.18484E-02	379338.2	3773656.7	108.7	3.66	2.33	1.16	YES	HROFDY	L0000813	0	0.18484E-02	379251.6	3773708.8	109.0	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000786	0	0.18484E-02	379333.2	3773656.7	108.7	3.66	2.33	1.16	YES	HROFDY	L0000814	0	0.18484E-02	379251.6	3773713.8	109.1	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000787	0	0.18484E-02	379328.2	3773656.6	108.7	3.66	2.33	1.16	YES	HROFDY	L0000815	0	0.18484E-02	379251.6	3773718.8	109.2	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000788	0	0.18484E-02	379323.2	3773656.6	108.6	3.66	2.33	1.16	YES	HROFDY	L0000816	0	0.18484E-02	379251.6	3773723.8	109.2	3.66	2.33	1.16
YES	HROFDY										YES	HROFDY							
L0000789	0	0.18484E-02	379318.2	3773656.5	108.5	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000790	0	0.18484E-02	379313.2	3773656.5	108.5	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000791	0	0.18484E-02	379308.2	3773656.4	108.4	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000792	0	0.18484E-02	379303.2	3773656.3	108.2	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000793	0	0.18484E-02	379298.2	3773656.3	108.1	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000794	0	0.18484E-02	379293.2	3773656.2	108.1	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000795	0	0.18484E-02	379288.2	3773656.2	108.1	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000796	0	0.18484E-02	379283.2	3773656.1	108.1	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000797	0	0.18484E-02	379278.2	3773656.1	108.0	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000798	0	0.18484E-02	379273.2	3773656.0	108.0	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000799	0	0.18484E-02	379268.2	3773655.9	108.0	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000800	0	0.18484E-02	379263.2	3773655.9	108.0	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000801	0	0.18484E-02	379258.2	3773655.8	108.0	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000802	0	0.18484E-02	379253.2	3773655.8	108.0	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000803	0	0.18484E-02	379251.3	3773655.8	108.2	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		
L0000804	0	0.18484E-02	379251.3	3773663.8	108.5	3.66	2.33	1.16	YES	HROFDY									
YES	HROFDY																		

Sunset and Western – Health Risk Assessment AERMOD Output File

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 *** MODELOPTs: RegDEFAULT 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)												
(METERS)	BY																		
L0000845	0	0.18484E-02	379346.7	3773774.2	111.0	3.66	2.33	1.16	YES	HROFDY									
L0000846	0	0.18484E-02	379351.7	3773774.2	111.1	3.66	2.33	1.16	YES	HROFDY									
L0000847	0	0.18484E-02	379356.7	3773774.2	111.1	3.66	2.33	1.16	YES	HROFDY									
L0000848	0	0.18484E-02	379361.7	3773774.2	111.1	3.66	2.33	1.16	YES	HROFDY									
L0000849	0	0.18484E-02	379366.7	3773774.2	111.1	3.66	2.33	1.16	YES	HROFDY									
L0000850	0	0.18484E-02	379371.7	3773774.2	111.2	3.66	2.33	1.16	YES	HROFDY									
L0000851	0	0.18484E-02	379376.7	3773774.3	111.2	3.66	2.33	1.16	YES	HROFDY									
L0000852	0	0.18484E-02	379381.7	3773774.3	111.1	3.66	2.33	1.16	YES	HROFDY									
L0000853	0	0.18484E-02	379386.7	3773774.3	111.1	3.66	2.33	1.16	YES	HROFDY									
L0000854	0	0.18484E-02	379391.7	3773774.3	111.0	3.66	2.33	1.16	YES	HROFDY									
L0000855	0	0.18484E-02	379393.2	3773770.8	111.0	3.66	2.33	1.16	YES	HROFDY									
L0000856	0	0.18484E-02	379393.2	3773765.8	111.0	3.66	2.33	1.16	YES	HROFDY									
L0000817	0	0.18484E-02	379251.7	3773728.8	109.3	3.66	2.33	1.16	YES	HROFDY									
L0000818	0	0.18484E-02	379251.7	3773733.8	109.3	3.66	2.33	1.16	YES	HROFDY									
L0000819	0	0.18484E-02	379251.7	3773738.8	109.4	3.66	2.33	1.16	YES	HROFDY									
L0000820	0	0.18484E-02	379251.7	3773743.8	109.4	3.66	2.33	1.16	YES	HROFDY									
L0000821	0	0.18484E-02	379251.8	3773748.8	109.4	3.66	2.33	1.16	YES	HROFDY									
L0000822	0	0.18484E-02	379251.8	3773753.8	109.5	3.66	2.33	1.16	YES	HROFDY									
L0000823	0	0.18484E-02	379251.8	3773758.8	109.5	3.66	2.33	1.16	YES	HROFDY									
L0000824	0	0.18484E-02	379251.8	3773763.8	109.6	3.66	2.33	1.16	YES	HROFDY									
L0000825	0	0.18484E-02	379251.9	3773768.8	109.7	3.66	2.33	1.16	YES	HROFDY									
L0000826	0	0.18484E-02	379251.9	3773773.8	109.8	3.66	2.33	1.16	YES	HROFDY									
L0000827	0	0.18484E-02	379256.7	3773774.0	109.8	3.66	2.33	1.16	YES	HROFDY									
L0000828	0	0.18484E-02	379261.7	3773774.0	109.8	3.66	2.33	1.16	YES	HROFDY									
L0000829	0	0.18484E-02	379266.7	3773774.0	109.9	3.66	2.33	1.16	YES	HROFDY									
L0000830	0	0.18484E-02	379271.7	3773774.0	109.9	3.66	2.33	1.16	YES	HROFDY									
L0000831	0	0.18484E-02	379276.7	3773774.0	110.0	3.66	2.33	1.16	YES	HROFDY									
L0000832	0	0.18484E-02	379281.7	3773774.1	110.0	3.66	2.33	1.16	YES	HROFDY									
L0000833	0	0.18484E-02	379286.7	3773774.1	110.1	3.66	2.33	1.16	YES	HROFDY									
L0000834	0	0.18484E-02	379291.7	3773774.1	110.2	3.66	2.33	1.16	YES	HROFDY									
L0000835	0	0.18484E-02	379296.7	3773774.1	110.2	3.66	2.33	1.16	YES	HROFDY									
L0000836	0	0.18484E-02	379301.7	3773774.1	110.3	3.66	2.33	1.16	YES	HROFDY									
L0000837	0	0.18484E-02	379306.7	3773774.1	110.4	3.66	2.33	1.16	YES	HROFDY									
L0000838	0	0.18484E-02	379311.7	3773774.1	110.5	3.66	2.33	1.16	YES	HROFDY									
L0000839	0	0.18484E-02	379316.7	3773774.1	110.6	3.66	2.33	1.16	YES	HROFDY									
L0000840	0	0.18484E-02	379321.7	3773774.1	110.8	3.66	2.33	1.16	YES	HROFDY									
L0000841	0	0.18484E-02	379326.7	3773774.2	110.9	3.66	2.33	1.16	YES	HROFDY									
L0000842	0	0.18484E-02	379331.7	3773774.2	110.9	3.66	2.33	1.16	YES	HROFDY									
L0000843	0	0.18484E-02	379336.7	3773774.2	111.0	3.66	2.33	1.16	YES	HROFDY									
L0000844	0	0.18484E-02	379341.7	3773774.2	111.0	3.66	2.33	1.16	YES	HROFDY									

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 *** MODELOPTs: RegDEFAULT 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)														
(METERS)	BY																				
L0000857	0	0.18484E-02	379393.2	3773760.8	111.0	3.66	2.33	1.16	YES	HROFDY	L0000885	0	0.18484E-02	379345.5	3773669.2	108.8	3.66	2.33	1.16	YES	HROFDY
L0000858	0	0.18484E-02	379393.3	3773755.8	111.0	3.66	2.33	1.16	YES	HROFDY	L0000886	0	0.18484E-02	379340.5	3773669.2	108.8	3.66	2.33	1.16	YES	HROFDY
L0000859	0	0.18484E-02	379393.3	3773750.8	110.9	3.66	2.33	1.16	YES	HROFDY	L0000887	0	0.18484E-02	379335.5	3773669.3	108.8	3.66	2.33	1.16	YES	HROFDY
L0000860	0	0.18484E-02	379393.3	3773745.8	110.6	3.66	2.33	1.16	YES	HROFDY	L0000888	0	0.18484E-02	379330.5	3773669.3	108.9	3.66	2.33	1.16	YES	HROFDY
L0000861	0	0.18484E-02	379393.3	3773740.8	110.4	3.66	2.33	1.16	YES	HROFDY	L0000889	0	0.18484E-02	379325.5	3773669.4	108.9	3.66	2.33	1.16	YES	HROFDY
L0000862	0	0.18484E-02	379393.3	3773735.8	110.2	3.66	2.33	1.16	YES	HROFDY	L0000890	0	0.18484E-02	379320.5	3773669.4	108.9	3.66	2.33	1.16	YES	HROFDY
L0000863	0	0.18484E-02	379393.3	3773730.8	110.0	3.66	2.33	1.16	YES	HROFDY	L0000891	0	0.18484E-02	379315.5	3773669.5	108.9	3.66	2.33	1.16	YES	HROFDY
L0000864	0	0.18484E-02	379393.3	3773725.8	109.8	3.66	2.33	1.16	YES	HROFDY	L0000892	0	0.18484E-02	379310.5	3773669.5	108.9	3.66	2.33	1.16	YES	HROFDY
L0000865	0	0.18484E-02	379393.3	3773720.8	109.6	3.66	2.33	1.16	YES	HROFDY	L0000893	0	0.18484E-02	379305.5	3773669.6	108.9	3.66	2.33	1.16	YES	HROFDY
L0000866	0	0.18484E-02	379393.4	3773715.8	109.6	3.66	2.33	1.16	YES	HROFDY	L0000894	0	0.18484E-02	379300.5	3773669.6	108.9	3.66	2.33	1.16	YES	HROFDY
L0000867	0	0.18484E-02	379393.4	3773710.8	109.6	3.66	2.33	1.16	YES	HROFDY	L0000895	0	0.18484E-02	379295.5	3773669.6	108.9	3.66	2.33	1.16	YES	HROFDY
L0000868	0	0.18484E-02	379393.4	3773705.8	109.7	3.66	2.33	1.16	YES	HROFDY	L0000896	0	0.18484E-02	379290.5	3773669.7	108.9	3.66	2.33	1.16	YES	HROFDY
L0000869	0	0.18484E-02	379393.4	3773700.8	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000870	0	0.18484E-02	379393.4	3773695.8	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000871	0	0.18484E-02	379393.4	3773690.8	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000872	0	0.18484E-02	379393.4	3773685.8	109.6	3.66	2.33	1.16	YES	HROFDY											
L0000873	0	0.18484E-02	379393.5	3773680.8	109.5	3.66	2.33	1.16	YES	HROFDY											
L0000874	0	0.18484E-02	379393.5	3773675.8	109.3	3.66	2.33	1.16	YES	HROFDY											
L0000875	0	0.18484E-02	379393.5	3773670.8	109.2	3.66	2.33	1.16	YES	HROFDY											
L0000876	0	0.18484E-02	379390.5	3773668.8	109.1	3.66	2.33	1.16	YES	HROFDY											
L0000877	0	0.18484E-02	379385.5	3773668.8	108.9	3.66	2.33	1.16	YES	HROFDY											
L0000878	0	0.18484E-02	379380.5	3773668.9	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000879	0	0.18484E-02	379375.5	3773668.9	108.7	3.66	2.33	1.16	YES	HROFDY											
L0000880	0	0.18484E-02	379370.5	3773669.0	108.7	3.66	2.33	1.16	YES	HROFDY											
L0000881	0	0.18484E-02	379365.5	3773669.0	108.7	3.66	2.33	1.16	YES	HROFDY											
L0000882	0	0.18484E-02	379360.5	3773669.1	108.7	3.66	2.33	1.16	YES	HROFDY											
L0000883	0	0.18484E-02	379355.5	3773669.1	108.7	3.66	2.33	1.16	YES	HROFDY											
L0000884	0	0.18484E-02	379350.5	3773669.1	108.7	3.66	2.33	1.16	YES	HROFDY											

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 *** MODELOPTs: RegDEFAULT 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)													
(METERS)	BY																			
L0000925	0	0.18484E-02	379290.8	3773761.9	110.1	3.66	2.33	1.16	YES	HROFDY										
L0000926	0	0.18484E-02	379295.8	3773762.0	110.2	3.66	2.33	1.16	YES	HROFDY										
L0000927	0	0.18484E-02	379300.8	3773762.0	110.3	3.66	2.33	1.16	YES	HROFDY										
L0000928	0	0.18484E-02	379305.8	3773762.1	110.4	3.66	2.33	1.16	YES	HROFDY										
L0000929	0	0.18484E-02	379310.8	3773762.2	110.5	3.66	2.33	1.16	YES	HROFDY										
L0000930	0	0.18484E-02	379315.8	3773762.2	110.7	3.66	2.33	1.16	YES	HROFDY										
L0000931	0	0.18484E-02	379320.8	3773762.3	110.8	3.66	2.33	1.16	YES	HROFDY										
L0000932	0	0.18484E-02	379325.8	3773762.3	110.9	3.66	2.33	1.16	YES	HROFDY										
L0000933	0	0.18484E-02	379330.8	3773762.4	111.0	3.66	2.33	1.16	YES	HROFDY										
L0000934	0	0.18484E-02	379335.8	3773762.5	111.1	3.66	2.33	1.16	YES	HROFDY										
L0000935	0	0.18484E-02	379340.8	3773762.5	111.2	3.66	2.33	1.16	YES	HROFDY										
L0000936	0	0.18484E-02	379345.8	3773762.6	111.2	3.66	2.33	1.16	YES	HROFDY										
L0000897	0	0.18484E-02	379285.5	3773669.7	108.9	3.66	2.33	1.16	YES	HROFDY										
L0000898	0	0.18484E-02	379280.5	3773669.8	108.9	3.66	2.33	1.16	YES	HROFDY										
L0000899	0	0.18484E-02	379275.5	3773669.8	108.9	3.66	2.33	1.16	YES	HROFDY										
L0000900	0	0.18484E-02	379270.5	3773669.9	108.8	3.66	2.33	1.16	YES	HROFDY										
L0000901	0	0.18484E-02	379265.5	3773669.9	108.8	3.66	2.33	1.16	YES	HROFDY										
L0000902	0	0.18484E-02	379263.7	3773673.1	108.8	3.66	2.33	1.16	YES	HROFDY										
L0000903	0	0.18484E-02	379263.8	3773678.1	108.9	3.66	2.33	1.16	YES	HROFDY										
L0000904	0	0.18484E-02	379263.8	3773683.1	108.9	3.66	2.33	1.16	YES	HROFDY										
L0000905	0	0.18484E-02	379263.8	3773688.1	109.0	3.66	2.33	1.16	YES	HROFDY										
L0000906	0	0.18484E-02	379263.9	3773693.1	109.1	3.66	2.33	1.16	YES	HROFDY										
L0000907	0	0.18484E-02	379263.9	3773698.1	109.1	3.66	2.33	1.16	YES	HROFDY										
L0000908	0	0.18484E-02	379263.9	3773703.1	109.2	3.66	2.33	1.16	YES	HROFDY										
L0000909	0	0.18484E-02	379264.0	3773708.1	109.2	3.66	2.33	1.16	YES	HROFDY										
L0000910	0	0.18484E-02	379264.0	3773713.1	109.3	3.66	2.33	1.16	YES	HROFDY										
L0000911	0	0.18484E-02	379264.0	3773718.1	109.3	3.66	2.33	1.16	YES	HROFDY										
L0000912	0	0.18484E-02	379264.1	3773723.1	109.4	3.66	2.33	1.16	YES	HROFDY										
L0000913	0	0.18484E-02	379264.1	3773728.1	109.5	3.66	2.33	1.16	YES	HROFDY										
L0000914	0	0.18484E-02	379264.1	3773733.1	109.5	3.66	2.33	1.16	YES	HROFDY										
L0000915	0	0.18484E-02	379264.2	3773738.1	109.5	3.66	2.33	1.16	YES	HROFDY										
L0000916	0	0.18484E-02	379264.2	3773743.1	109.6	3.66	2.33	1.16	YES	HROFDY										
L0000917	0	0.18484E-02	379264.2	3773748.1	109.6	3.66	2.33	1.16	YES	HROFDY										
L0000918	0	0.18484E-02	379264.2	3773753.1	109.6	3.66	2.33	1.16	YES	HROFDY										
L0000919	0	0.18484E-02	379264.3	3773758.1	109.7	3.66	2.33	1.16	YES	HROFDY										
L0000920	0	0.18484E-02	379265.8	3773761.6	109.7	3.66	2.33	1.16	YES	HROFDY										
L0000921	0	0.18484E-02	379270.8	3773761.7	109.8	3.66	2.33	1.16	YES	HROFDY										
L0000922	0	0.18484E-02	379275.8	3773761.7	109.9	3.66	2.33	1.16	YES	HROFDY										
L0000923	0	0.18484E-02	379280.8	3773761.8	110.0	3.66	2.33	1.16	YES	HROFDY										
L0000924	0	0.18484E-02	379285.8	3773761.8	110.0	3.66	2.33	1.16	YES	HROFDY										

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 *** MODELOPTs: RegDEFAULT 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)														
(METERS)	BY																				
L0000965	0	0.18484E-02	379357.1	3773681.2	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000966	0	0.18484E-02	379352.1	3773681.1	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000967	0	0.18484E-02	379347.1	3773681.0	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000968	0	0.18484E-02	379342.1	3773680.9	108.9	3.66	2.33	1.16	YES	HROFDY											
L0000969	0	0.18484E-02	379337.1	3773680.8	108.9	3.66	2.33	1.16	YES	HROFDY											
L0000970	0	0.18484E-02	379332.1	3773680.6	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000971	0	0.18484E-02	379327.1	3773680.5	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000972	0	0.18484E-02	379322.1	3773680.4	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000973	0	0.18484E-02	379317.1	3773680.3	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000974	0	0.18484E-02	379312.1	3773680.2	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000975	0	0.18484E-02	379307.1	3773680.1	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000976	0	0.18484E-02	379302.1	3773680.0	109.0	3.66	2.33	1.16	YES	HROFDY											
L0000937	0	0.18484E-02	379350.8	3773762.7	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000938	0	0.18484E-02	379355.8	3773762.7	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000939	0	0.18484E-02	379360.8	3773762.8	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000940	0	0.18484E-02	379365.8	3773762.8	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000941	0	0.18484E-02	379370.8	3773762.9	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000942	0	0.18484E-02	379375.8	3773763.0	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000943	0	0.18484E-02	379380.8	3773763.0	111.2	3.66	2.33	1.16	YES	HROFDY											
L0000944	0	0.18484E-02	379383.4	3773760.7	111.2	3.66	2.33	1.16	YES	HROFDY											
L0000945	0	0.18484E-02	379383.4	3773755.7	111.3	3.66	2.33	1.16	YES	HROFDY											
L0000946	0	0.18484E-02	379383.4	3773750.7	111.1	3.66	2.33	1.16	YES	HROFDY											
L0000947	0	0.18484E-02	379383.4	3773745.7	110.8	3.66	2.33	1.16	YES	HROFDY											
L0000948	0	0.18484E-02	379383.4	3773740.7	110.6	3.66	2.33	1.16	YES	HROFDY											
L0000949	0	0.18484E-02	379383.3	3773735.7	110.3	3.66	2.33	1.16	YES	HROFDY											
L0000950	0	0.18484E-02	379383.3	3773730.7	110.0	3.66	2.33	1.16	YES	HROFDY											
L0000951	0	0.18484E-02	379383.3	3773725.7	109.8	3.66	2.33	1.16	YES	HROFDY											
L0000952	0	0.18484E-02	379383.3	3773720.7	109.6	3.66	2.33	1.16	YES	HROFDY											
L0000953	0	0.18484E-02	379383.3	3773715.7	109.5	3.66	2.33	1.16	YES	HROFDY											
L0000954	0	0.18484E-02	379383.3	3773710.7	109.5	3.66	2.33	1.16	YES	HROFDY											
L0000955	0	0.18484E-02	379383.2	3773705.7	109.4	3.66	2.33	1.16	YES	HROFDY											
L0000956	0	0.18484E-02	379383.2	3773700.7	109.4	3.66	2.33	1.16	YES	HROFDY											
L0000957	0	0.18484E-02	379383.2	3773695.7	109.3	3.66	2.33	1.16	YES	HROFDY											
L0000958	0	0.18484E-02	379383.2	3773690.7	109.3	3.66	2.33	1.16	YES	HROFDY											
L0000959	0	0.18484E-02	379383.2	3773685.7	109.2	3.66	2.33	1.16	YES	HROFDY											
L0000960	0	0.18484E-02	379382.1	3773681.7	109.1	3.66	2.33	1.16	YES	HROFDY											
L0000961	0	0.18484E-02	379377.1	3773681.6	108.9	3.66	2.33	1.16	YES	HROFDY											
L0000962	0	0.18484E-02	379372.1	3773681.5	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000963	0	0.18484E-02	379367.1	3773681.4	108.8	3.66	2.33	1.16	YES	HROFDY											
L0000964	0	0.18484E-02	379362.1	3773681.3	108.8	3.66	2.33	1.16	YES	HROFDY											

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*** 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)														
(METERS)	BY																				
L0000977	0	0.18484E-02	379297.1	3773679.9	109.0	3.66	2.33	1.16	YES	HROFDY	L0001005	0	0.18484E-02	379323.0	3773751.1	110.7	3.66	2.33	1.16	YES	HROFDY
L0000978	0	0.18484E-02	379292.1	3773679.8	109.0	3.66	2.33	1.16	YES	HROFDY	L0001006	0	0.18484E-02	379328.0	3773751.2	110.8	3.66	2.33	1.16	YES	HROFDY
L0000979	0	0.18484E-02	379287.1	3773679.7	109.0	3.66	2.33	1.16	YES	HROFDY	L0001007	0	0.18484E-02	379333.0	3773751.4	111.0	3.66	2.33	1.16	YES	HROFDY
L0000980	0	0.18484E-02	379282.1	3773679.5	109.0	3.66	2.33	1.16	YES	HROFDY	L0001008	0	0.18484E-02	379338.0	3773751.5	111.1	3.66	2.33	1.16	YES	HROFDY
L0000981	0	0.18484E-02	379277.1	3773679.4	109.0	3.66	2.33	1.16	YES	HROFDY	L0001009	0	0.18484E-02	379343.0	3773751.6	111.2	3.66	2.33	1.16	YES	HROFDY
L0000982	0	0.18484E-02	379275.2	3773682.5	109.1	3.66	2.33	1.16	YES	HROFDY	L0001010	0	0.18484E-02	379348.0	3773751.8	111.3	3.66	2.33	1.16	YES	HROFDY
L0000983	0	0.18484E-02	379275.2	3773687.5	109.1	3.66	2.33	1.16	YES	HROFDY	L0001011	0	0.18484E-02	379353.0	3773751.9	111.3	3.66	2.33	1.16	YES	HROFDY
L0000984	0	0.18484E-02	379275.2	3773692.5	109.2	3.66	2.33	1.16	YES	HROFDY	L0001012	0	0.18484E-02	379358.0	3773752.0	111.3	3.66	2.33	1.16	YES	HROFDY
L0000985	0	0.18484E-02	379275.2	3773697.5	109.3	3.66	2.33	1.16	YES	HROFDY	L0001013	0	0.18484E-02	379363.0	3773752.2	111.4	3.66	2.33	1.16	YES	HROFDY
L0000986	0	0.18484E-02	379275.2	3773702.5	109.3	3.66	2.33	1.16	YES	HROFDY	L0001014	0	0.18484E-02	379368.0	3773752.3	111.4	3.66	2.33	1.16	YES	HROFDY
L0000987	0	0.18484E-02	379275.2	3773707.5	109.4	3.66	2.33	1.16	YES	HROFDY	L0001015	0	0.18484E-02	379371.4	3773750.7	111.3	3.66	2.33	1.16	YES	HROFDY
L0000988	0	0.18484E-02	379275.2	3773712.5	109.4	3.66	2.33	1.16	YES	HROFDY	L0001016	0	0.18484E-02	379371.5	3773745.7	111.0	3.66	2.33	1.16	YES	HROFDY
L0000989	0	0.18484E-02	379275.2	3773717.5	109.5	3.66	2.33	1.16	YES	HROFDY											
L0000990	0	0.18484E-02	379275.2	3773722.5	109.5	3.66	2.33	1.16	YES	HROFDY											
L0000991	0	0.18484E-02	379275.2	3773727.5	109.6	3.66	2.33	1.16	YES	HROFDY											
L0000992	0	0.18484E-02	379275.2	3773732.5	109.6	3.66	2.33	1.16	YES	HROFDY											
L0000993	0	0.18484E-02	379275.2	3773737.5	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000994	0	0.18484E-02	379275.2	3773742.5	109.7	3.66	2.33	1.16	YES	HROFDY											
L0000995	0	0.18484E-02	379275.2	3773747.5	109.8	3.66	2.33	1.16	YES	HROFDY											
L0000996	0	0.18484E-02	379278.0	3773749.8	109.8	3.66	2.33	1.16	YES	HROFDY											
L0000997	0	0.18484E-02	379283.0	3773750.0	109.9	3.66	2.33	1.16	YES	HROFDY											
L0000998	0	0.18484E-02	379288.0	3773750.1	110.0	3.66	2.33	1.16	YES	HROFDY											
L0000999	0	0.18484E-02	379293.0	3773750.2	110.0	3.66	2.33	1.16	YES	HROFDY											
L0001000	0	0.18484E-02	379298.0	3773750.4	110.1	3.66	2.33	1.16	YES	HROFDY											
L0001001	0	0.18484E-02	379303.0	3773750.5	110.2	3.66	2.33	1.16	YES	HROFDY											
L0001002	0	0.18484E-02	379308.0	3773750.7	110.4	3.66	2.33	1.16	YES	HROFDY											
L0001003	0	0.18484E-02	379313.0	3773750.8	110.5	3.66	2.33	1.16	YES	HROFDY											
L0001004	0	0.18484E-02	379318.0	3773750.9	110.6	3.66	2.33	1.16	YES	HROFDY											

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 *** MODELOPTs: RegDEFAULT 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)						
(METERS)	BY												
L0001045	0	0.18484E-02	379286.8	3773696.2	109.2	3.66	2.33	1.16	YES	HROFDY			
L0001046	0	0.18484E-02	379286.9	3773701.2	109.3	3.66	2.33	1.16	YES	HROFDY			
L0001047	0	0.18484E-02	379287.0	3773706.2	109.4	3.66	2.33	1.16	YES	HROFDY			
L0001048	0	0.18484E-02	379287.0	3773711.2	109.5	3.66	2.33	1.16	YES	HROFDY			
L0001049	0	0.18484E-02	379287.1	3773716.2	109.5	3.66	2.33	1.16	YES	HROFDY			
L0001050	0	0.18484E-02	379287.1	3773721.2	109.6	3.66	2.33	1.16	YES	HROFDY			
L0001051	0	0.18484E-02	379287.2	3773726.2	109.7	3.66	2.33	1.16	YES	HROFDY			
L0001052	0	0.18484E-02	379287.3	3773731.2	109.8	3.66	2.33	1.16	YES	HROFDY			
L0001053	0	0.18484E-02	379287.3	3773736.2	109.8	3.66	2.33	1.16	YES	HROFDY			
L0001054	0	0.18484E-02	379289.2	3773739.5	109.9	3.66	2.33	1.16	YES	HROFDY			
L0001055	0	0.18484E-02	379294.2	3773739.7	109.9	3.66	2.33	1.16	YES	HROFDY			
L0001056	0	0.18484E-02	379299.2	3773739.9	110.0	3.66	2.33	1.16	YES	HROFDY			
L0001017	0	0.18484E-02	379371.7	3773740.7	110.7	3.66	2.33	1.16	YES	HROFDY			
L0001018	0	0.18484E-02	379371.8	3773735.8	110.4	3.66	2.33	1.16	YES	HROFDY			
L0001019	0	0.18484E-02	379372.0	3773730.8	110.1	3.66	2.33	1.16	YES	HROFDY			
L0001020	0	0.18484E-02	379372.1	3773725.8	109.8	3.66	2.33	1.16	YES	HROFDY			
L0001021	0	0.18484E-02	379372.3	3773720.8	109.5	3.66	2.33	1.16	YES	HROFDY			
L0001022	0	0.18484E-02	379372.4	3773715.8	109.5	3.66	2.33	1.16	YES	HROFDY			
L0001023	0	0.18484E-02	379372.6	3773710.8	109.4	3.66	2.33	1.16	YES	HROFDY			
L0001024	0	0.18484E-02	379372.7	3773705.8	109.3	3.66	2.33	1.16	YES	HROFDY			
L0001025	0	0.18484E-02	379372.8	3773700.8	109.2	3.66	2.33	1.16	YES	HROFDY			
L0001026	0	0.18484E-02	379373.0	3773695.8	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001027	0	0.18484E-02	379371.5	3773692.4	109.0	3.66	2.33	1.16	YES	HROFDY			
L0001028	0	0.18484E-02	379366.5	3773692.3	109.0	3.66	2.33	1.16	YES	HROFDY			
L0001029	0	0.18484E-02	379361.5	3773692.2	108.9	3.66	2.33	1.16	YES	HROFDY			
L0001030	0	0.18484E-02	379356.5	3773692.1	108.9	3.66	2.33	1.16	YES	HROFDY			
L0001031	0	0.18484E-02	379351.5	3773692.0	108.9	3.66	2.33	1.16	YES	HROFDY			
L0001032	0	0.18484E-02	379346.5	3773691.9	108.9	3.66	2.33	1.16	YES	HROFDY			
L0001033	0	0.18484E-02	379341.5	3773691.9	109.0	3.66	2.33	1.16	YES	HROFDY			
L0001034	0	0.18484E-02	379336.5	3773691.8	109.0	3.66	2.33	1.16	YES	HROFDY			
L0001035	0	0.18484E-02	379331.5	3773691.7	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001036	0	0.18484E-02	379326.5	3773691.6	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001037	0	0.18484E-02	379321.5	3773691.5	109.2	3.66	2.33	1.16	YES	HROFDY			
L0001038	0	0.18484E-02	379316.5	3773691.4	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001039	0	0.18484E-02	379311.5	3773691.3	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001040	0	0.18484E-02	379306.5	3773691.3	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001041	0	0.18484E-02	379301.5	3773691.2	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001042	0	0.18484E-02	379296.5	3773691.1	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001043	0	0.18484E-02	379291.5	3773691.0	109.1	3.66	2.33	1.16	YES	HROFDY			
L0001044	0	0.18484E-02	379286.8	3773691.2	109.2	3.66	2.33	1.16	YES	HROFDY			

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*** MODELOPTs: RegDEFAULT 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)	
(METERS)	BY							

L0001057	0	0.18484E-02	379304.2	3773740.1	110.0	3.66	2.33	1.16
YES	HROFDY							
L0001058	0	0.18484E-02	379309.2	3773740.3	110.1	3.66	2.33	1.16
YES	HROFDY							
L0001059	0	0.18484E-02	379314.2	3773740.5	110.1	3.66	2.33	1.16
YES	HROFDY							
L0001060	0	0.18484E-02	379319.1	3773740.7	110.2	3.66	2.33	1.16
YES	HROFDY							
L0001061	0	0.18484E-02	379324.1	3773740.9	110.2	3.66	2.33	1.16
YES	HROFDY							
L0001062	0	0.18484E-02	379329.1	3773741.1	110.3	3.66	2.33	1.16
YES	HROFDY							
L0001063	0	0.18484E-02	379334.1	3773741.3	110.4	3.66	2.33	1.16
YES	HROFDY							
L0001064	0	0.18484E-02	379339.1	3773741.5	110.5	3.66	2.33	1.16
YES	HROFDY							
L0001065	0	0.18484E-02	379344.1	3773741.7	110.6	3.66	2.33	1.16
YES	HROFDY							
L0001066	0	0.18484E-02	379349.1	3773741.9	110.7	3.66	2.33	1.16
YES	HROFDY							
L0001067	0	0.18484E-02	379354.1	3773742.1	110.7	3.66	2.33	1.16
YES	HROFDY							
L0001068	0	0.18484E-02	379359.1	3773742.3	110.8	3.66	2.33	1.16
YES	HROFDY							
L0001069	0	0.18484E-02	379361.9	3773740.1	110.6	3.66	2.33	1.16
YES	HROFDY							
L0001070	0	0.18484E-02	379362.0	3773735.1	110.3	3.66	2.33	1.16
YES	HROFDY							
L0001071	0	0.18484E-02	379362.0	3773730.1	110.0	3.66	2.33	1.16
YES	HROFDY							
L0001072	0	0.18484E-02	379362.1	3773725.1	109.7	3.66	2.33	1.16
YES	HROFDY							
L0001073	0	0.18484E-02	379362.2	3773720.1	109.5	3.66	2.33	1.16
YES	HROFDY							
L0001074	0	0.18484E-02	379362.3	3773715.1	109.4	3.66	2.33	1.16
YES	HROFDY							
L0001075	0	0.18484E-02	379362.3	3773710.1	109.3	3.66	2.33	1.16
YES	HROFDY							
L0001076	0	0.18484E-02	379362.4	3773705.1	109.2	3.66	2.33	1.16
YES	HROFDY							
L0001077	0	0.18484E-02	379361.6	3773701.0	109.1	3.66	2.33	1.16
YES	HROFDY							
L0001078	0	0.18484E-02	379356.6	3773700.9	109.1	3.66	2.33	1.16
YES	HROFDY							
L0001079	0	0.18484E-02	379351.6	3773700.9	109.1	3.66	2.33	1.16
YES	HROFDY							
L0001080	0	0.18484E-02	379346.6	3773700.8	109.1	3.66	2.33	1.16
YES	HROFDY							
L0001081	0	0.18484E-02	379341.6	3773700.8	109.1	3.66	2.33	1.16
YES	HROFDY							
L0001082	0	0.18484E-02	379336.6	3773700.7	109.1	3.66	2.33	1.16
YES	HROFDY							
L0001083	0	0.18484E-02	379331.6	3773700.7	109.2	3.66	2.33	1.16
YES	HROFDY							
L0001084	0	0.18484E-02	379326.6	3773700.6	109.2	3.66	2.33	1.16
YES	HROFDY							

L0001085	0	0.18484E-02	379321.6	3773700.6	109.2	3.66	2.33	1.16
YES	HROFDY							
L0001086	0	0.18484E-02	379316.6	3773700.6	109.2	3.66	2.33	1.16
YES	HROFDY							
L0001087	0	0.18484E-02	379311.6	3773700.5	109.3	3.66	2.33	1.16
YES	HROFDY							
L0001088	0	0.18484E-02	379306.6	3773700.5	109.3	3.66	2.33	1.16
YES	HROFDY							
L0001089	0	0.18484E-02	379301.6	3773700.4	109.3	3.66	2.33	1.16
YES	HROFDY							
L0001090	0	0.18484E-02	379298.3	3773702.1	109.3	3.66	2.33	1.16
YES	HROFDY							
L0001091	0	0.18484E-02	379298.4	3773707.1	109.4	3.66	2.33	1.16
YES	HROFDY							
L0001092	0	0.18484E-02	379298.4	3773712.1	109.5	3.66	2.33	1.16
YES	HROFDY							
L0001093	0	0.18484E-02	379298.5	3773717.1	109.6	3.66	2.33	1.16
YES	HROFDY							
L0001094	0	0.18484E-02	379298.5	3773722.1	109.7	3.66	2.33	1.16
YES	HROFDY							
L0001095	0	0.18484E-02	379298.6	3773727.1	109.8	3.66	2.33	1.16
YES	HROFDY							
L0001096	0	0.18484E-02	379300.4	3773730.2	109.9	3.66	2.33	1.16
YES	HROFDY							

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

L0001125 0 0.18484E-02 379323.3 3773720.5 109.4 3.66 2.33 1.16
 YES HROFDY
 L0001126 0 0.18484E-02 379328.3 3773720.5 109.4 3.66 2.33 1.16
 YES HROFDY
 L0001127 0 0.18484E-02 379333.3 3773720.5 109.4 3.66 2.33 1.16
 YES HROFDY
 L0001128 0 0.18484E-02 379338.3 3773720.5 109.4 3.66 2.33 1.16
 YES HROFDY

*** 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)	
(METERS)	BY							

L0001097 0 0.18484E-02 379305.4 3773730.2 109.8 3.66 2.33 1.16
 YES HROFDY
 L0001098 0 0.18484E-02 379310.4 3773730.2 109.8 3.66 2.33 1.16
 YES HROFDY
 L0001099 0 0.18484E-02 379315.4 3773730.2 109.8 3.66 2.33 1.16
 YES HROFDY
 L0001100 0 0.18484E-02 379320.4 3773730.2 109.7 3.66 2.33 1.16
 YES HROFDY
 L0001101 0 0.18484E-02 379325.4 3773730.2 109.7 3.66 2.33 1.16
 YES HROFDY
 L0001102 0 0.18484E-02 379330.4 3773730.2 109.8 3.66 2.33 1.16
 YES HROFDY
 L0001103 0 0.18484E-02 379335.4 3773730.2 109.8 3.66 2.33 1.16
 YES HROFDY
 L0001104 0 0.18484E-02 379340.4 3773730.2 109.9 3.66 2.33 1.16
 YES HROFDY
 L0001105 0 0.18484E-02 379345.4 3773730.2 110.0 3.66 2.33 1.16
 YES HROFDY
 L0001106 0 0.18484E-02 379350.4 3773730.2 110.0 3.66 2.33 1.16
 YES HROFDY
 L0001107 0 0.18484E-02 379353.9 3773728.7 109.9 3.66 2.33 1.16
 YES HROFDY
 L0001108 0 0.18484E-02 379353.9 3773723.7 109.6 3.66 2.33 1.16
 YES HROFDY
 L0001109 0 0.18484E-02 379353.9 3773718.7 109.5 3.66 2.33 1.16
 YES HROFDY
 L0001110 0 0.18484E-02 379353.9 3773713.7 109.4 3.66 2.33 1.16
 YES HROFDY
 L0001111 0 0.18484E-02 379352.4 3773710.2 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001112 0 0.18484E-02 379347.4 3773710.2 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001113 0 0.18484E-02 379342.4 3773710.2 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001114 0 0.18484E-02 379337.4 3773710.2 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001115 0 0.18484E-02 379332.4 3773710.3 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001116 0 0.18484E-02 379327.4 3773710.3 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001117 0 0.18484E-02 379322.4 3773710.3 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001118 0 0.18484E-02 379317.4 3773710.4 109.3 3.66 2.33 1.16
 YES HROFDY
 L0001119 0 0.18484E-02 379312.4 3773710.4 109.4 3.66 2.33 1.16
 YES HROFDY
 L0001120 0 0.18484E-02 379307.5 3773710.5 109.4 3.66 2.33 1.16
 YES HROFDY
 L0001121 0 0.18484E-02 379307.9 3773715.5 109.5 3.66 2.33 1.16
 YES HROFDY
 L0001122 0 0.18484E-02 379308.3 3773720.4 109.6 3.66 2.33 1.16
 YES HROFDY
 L0001123 0 0.18484E-02 379313.3 3773720.5 109.5 3.66 2.33 1.16
 YES HROFDY
 L0001124 0 0.18484E-02 379318.3 3773720.5 109.5 3.66 2.33 1.16
 YES HROFDY

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
CONST	L0000588 , L0000589 , L0000590 , L0000591 , L0000592 , L0000593 , L0000594 , L0000595 ,
	L0000596 , L0000597 , L0000598 , L0000599 , L0000600 , L0000601 , L0000602 , L0000603 ,
	L0000604 , L0000605 , L0000606 , L0000607 , L0000608 , L0000609 , L0000610 , L0000611 ,
	L0000612 , L0000613 , L0000614 , L0000615 , L0000616 , L0000617 , L0000618 , L0000619 ,
	L0000620 , L0000621 , L0000622 , L0000623 , L0000624 , L0000625 , L0000626 , L0000627 ,
	L0000628 , L0000629 , L0000630 , L0000631 , L0000632 , L0000633 , L0000634 , L0000635 ,
	L0000636 , L0000637 , L0000638 , L0000639 , L0000640 , L0000641 , L0000642 , L0000643 ,
	L0000644 , L0000645 , L0000646 , L0000647 , L0000648 , L0000649 , L0000650 , L0000651 ,
	L0000652 , L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 ,
	L0000660 , L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 ,
	L0000668 , L0000669 , L0000670 , L0000671 , L0000672 , L0000673 , L0000674 , L0000675 ,
	L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 , L0000682 , L0000683 ,
	L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 , L0000690 , L0000691 ,
	L0000692 , L0000693 , L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 ,
	L0000700 , L0000701 , L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 ,
	L0000708 , L0000709 , L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 ,
	L0000716 , L0000717 , L0000718 , L0000719 , L0000720 , L0000721 , L0000722 , L0000723 ,
	L0000724 , L0000725 , L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 ,
	L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 ,
	L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 ,
	L0000756 , L0000757 , L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 ,
	L0000764 , L0000765 , L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
	L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 ,
	L0000780 , L0000781 , L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 ,
	L0000788 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 ,
	L0000796 , L0000797 , L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 ,
	L0000804 , L0000805 , L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 ,
	L0000812 , L0000813 , L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , L0000819 ,
	L0000820 , L0000821 , L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 ,
	L0000828 , L0000829 , L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 ,
	L0000836 , L0000837 , L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 ,
	L0000844 , L0000845 , L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 ,
	L0000852 , L0000853 , L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 ,
	L0000860 , L0000861 , L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 ,
	L0000868 , L0000869 , L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 ,
	L0000876 , L0000877 , L0000878 , L0000879 , L0000880 , L0000881 , L0000882 , L0000883 ,
	L0000884 , L0000885 , L0000886 , L0000887 , L0000888 , L0000889 , L0000890 , L0000891 ,
	L0000892 , L0000893 , L0000894 , L0000895 , L0000896 , L0000897 , L0000898 , L0000899 ,
	L0000900 , L0000901 , L0000902 , L0000903 , L0000904 , L0000905 , L0000906 , L0000907 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000908 , L0000909 , L0000910 , L0000911 , L0000912 , L0000913 , L0000914 , L0000915 ,
	L0000916 , L0000917 , L0000918 , L0000919 , L0000920 , L0000921 , L0000922 , L0000923 ,
	L0000924 , L0000925 , L0000926 , L0000927 , L0000928 , L0000929 , L0000930 , L0000931 ,
	L0000932 , L0000933 , L0000934 , L0000935 , L0000936 , L0000937 , L0000938 , L0000939 ,
	L0000940 , L0000941 , L0000942 , L0000943 , L0000944 , L0000945 , L0000946 , L0000947 ,
	L0000948 , L0000949 , L0000950 , L0000951 , L0000952 , L0000953 , L0000954 , L0000955 ,
	L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 , L0000963 ,
	L0000964 , L0000965 , L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 ,
	L0000972 , L0000973 , L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 ,
	L0000980 , L0000981 , L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 ,
	L0000988 , L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 ,
	L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 ,
	L0001004 , L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 ,
	L0001012 , L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 ,
	L0001020 , L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , L0001027 ,
	L0001028 , L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 ,
	L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 ,
	L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 , L0001051 ,
	L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , L0001058 , L0001059 ,
	L0001060 , L0001061 , L0001062 , L0001063 , L0001064 , L0001065 , L0001066 , L0001067 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
	L0001068 ,L0001069 ,L0001070 ,L0001071 ,L0001072 , L0001073 ,L0001074 ,L0001075 ,
	L0001076 ,L0001077 ,L0001078 ,L0001079 ,L0001080 , L0001081 ,L0001082 ,L0001083 ,
	L0001084 ,L0001085 ,L0001086 ,L0001087 ,L0001088 , L0001089 ,L0001090 ,L0001091 ,
	L0001092 ,L0001093 ,L0001094 ,L0001095 ,L0001096 , L0001097 ,L0001098 ,L0001099 ,
	L0001100 ,L0001101 ,L0001102 ,L0001103 ,L0001104 , L0001105 ,L0001106 ,L0001107 ,
	L0001108 ,L0001109 ,L0001110 ,L0001111 ,L0001112 , L0001113 ,L0001114 ,L0001115 ,
	L0001116 ,L0001117 ,L0001118 ,L0001119 ,L0001120 , L0001121 ,L0001122 ,L0001123 ,
	L0001124 ,L0001125 ,L0001126 ,L0001127 ,L0001128 ,
EGEN	EGEN ,
MARKET	L0001134 ,L0001135 ,L0001136 ,L0001137 ,L0001138 , L0001139 ,
RESIDENT	L0001129 ,L0001130 ,L0001131 ,L0001132 ,L0001133 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
9818605	L0001134	L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001129 , L0001130 ,
L0001131	L0001132	L0001133 , L0000588 , L0000589 , L0000590 , L0000591 , L0000592 ,
L0000593	L0000594	L0000595 , L0000596 , L0000597 , L0000598 , L0000599 , L0000600 ,
L0000601	L0000602	L0000603 , L0000604 , L0000605 , L0000606 , L0000607 , L0000608 ,
L0000609	L0000610	L0000611 , L0000612 , L0000613 , L0000614 , L0000615 , L0000616 ,
L0000617	L0000618	L0000619 , L0000620 , L0000621 , L0000622 , L0000623 , L0000624 ,
L0000625	L0000626	L0000627 , L0000628 , L0000629 , L0000630 , L0000631 , L0000632 ,
L0000633	L0000634	L0000635 , L0000636 , L0000637 , L0000638 , L0000639 , L0000640 ,
L0000641	L0000642	L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , L0000648 ,
L0000649	L0000650	L0000651 , L0000652 , L0000653 , L0000654 , L0000655 , L0000656 ,
L0000657	L0000658	L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 ,
L0000665	L0000666	L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 ,
L0000673	L0000674	L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 ,
L0000681	L0000682	L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 ,
L0000689	L0000690	L0000691 , L0000692 , L0000693 , L0000694 , L0000695 , L0000696 ,
L0000697	L0000698	L0000699 , L0000700 , L0000701 , L0000702 , L0000703 , L0000704 ,
L0000705	L0000706	L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 ,
L0000713	L0000714	L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,
L0000721	L0000722	L0000723 , L0000724 , L0000725 , L0000726 , L0000727 , L0000728 ,
L0000729	L0000730	L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
L0000737	L0000738	L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 ,
L0000745	L0000746	L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 ,
L0000753	L0000754	L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 ,
L0000761	L0000762	L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 ,
L0000769	L0000770	L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 ,
L0000777	L0000778	L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 ,
L0000785	L0000786	L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 ,
L0000793	L0000794	L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 ,
L0000801	L0000802	L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 ,
L0000809	L0000810	L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,
L0000817	L0000818	L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
L0000825	L0000826	L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,
L0000833	L0000834	L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,
L0000841	L0000842	L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 ,
L0000849	L0000850	L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 ,
L0000857	L0000858	L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 ,
L0000865	L0000866	L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,
L0000873	L0000874	L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 ,
L0000881	L0000882	L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,
L0000889	L0000890	L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
L0000897	L0000898	L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,
L0000905	L0000906	L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,
L0000913	L0000914	L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 ,
L0000921	L0000922	L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 ,
L0000929	L0000930	L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 ,
L0000937	L0000938	L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 ,
L0000945	L0000946	L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 ,
L0000953	L0000954	L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 ,
L0000961	L0000962	L0000963 , L0000964 , L0000965 , L0000966 , L0000967 , L0000968 ,
L0000969	L0000970	L0000971 , L0000972 , L0000973 , L0000974 , L0000975 , L0000976 ,
L0000977	L0000978	L0000979 , L0000980 , L0000981 , L0000982 , L0000983 , L0000984 ,
L0000985	L0000986	L0000987 , L0000988 , L0000989 , L0000990 , L0000991 , L0000992 ,
L0000993	L0000994	L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 ,
L0001001	L0001002	L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 ,
L0001009	L0001010	L0001011 , L0001012 , L0001013 , L0001014 , L0001015 , L0001016 ,
L0001017	L0001018	L0001019 , L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025	L0001026	L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033	L0001034	L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041	L0001042	L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 ,
L0001049	L0001050	L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
L0001057	L0001058	L0001059 , L0001060 , L0001061 ,
L0001062	L0001063	L0001064 ,
L0001065	L0001066	L0001067 , L0001068 , L0001069 ,
L0001070	L0001071	L0001072 ,
L0001073	L0001074	L0001075 , L0001076 , L0001077 ,
L0001078	L0001079	L0001080 ,
L0001081	L0001082	L0001083 , L0001084 , L0001085 ,
L0001086	L0001087	L0001088 ,
L0001089	L0001090	L0001091 , L0001092 , L0001093 ,
L0001094	L0001095	L0001096 ,
L0001097	L0001098	L0001099 , L0001100 , L0001101 ,
L0001102	L0001103	L0001104 ,
L0001105	L0001106	L0001107 , L0001108 , L0001109 ,
L0001110	L0001111	L0001112 ,
L0001113	L0001114	L0001115 , L0001116 , L0001117 ,
L0001118	L0001119	L0001120 ,
L0001121	L0001122	L0001123 , L0001124 , L0001125 ,
L0001126	L0001127	L0001128 ,
EGEN		,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001134 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001135 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001136 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001137 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001138 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001139 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001129 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001130 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001131 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001132 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001133 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000588 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000589 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000590 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000591 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000592 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000593 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000594 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000595 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000596 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000597 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000598 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000599 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000600 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000601 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000602 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000603 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000604 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000605 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000606 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000607 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000608 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000609 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000610 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000611 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000612 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000613 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000614 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000615 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000616 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000617 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000618 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000619 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000620 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000621 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000622 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000623 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000624 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000625 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000626 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000627 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000628 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000629 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000630 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000631 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000632 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000633 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000634 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000635 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000636 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000637 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000638 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000639 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000640 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000641 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000642 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000643 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000644 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000645 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000646 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000647 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000648 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000649 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000650 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000651 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000652 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000653 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000654 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000655 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000656 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000657 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000658 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000659 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000660 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000661 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000662 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000663 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000664 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000665 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000666 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000667 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000668 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000669 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000670 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000671 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000672 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000673 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000674 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000675 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000676 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000677 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000678 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000679 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000680 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000681 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000682 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000683 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000684 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000685 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000686 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000687 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000688 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000689 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000690 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000691 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000692 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000693 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000694 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000695 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000696 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000697 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000698 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000699 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000700 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000701 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000702 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000703 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000704 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000705 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000706 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000707 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000708 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000709 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000710 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000711 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000712 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000713 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000714 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000715 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000716 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000717 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000718 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000719 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000720 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000721 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000722 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000723 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000724 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000725 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000726 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000727 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000728 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000729 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000730 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000731 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000732 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000733 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000734 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000735 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000736 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000737 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000738 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000739 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000740 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000741 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000742 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000743 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000744 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000745 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000746 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000747 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000748 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000749 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000750 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000751 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000752 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000753 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000754 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000755 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000756 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000757 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
.00000E+00	6	.00000E+00							
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
.10000E+01	12	.10000E+01							
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
.00000E+00	18	.00000E+00							
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
.00000E+00	24	.00000E+00							

SOURCE ID = L0000758 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
.00000E+00	6	.00000E+00							
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
.10000E+01	12	.10000E+01							
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
.00000E+00	18	.00000E+00							
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
.00000E+00	24	.00000E+00							

SOURCE ID = L0000759 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
.00000E+00	6	.00000E+00							
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
.10000E+01	12	.10000E+01							
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
.00000E+00	18	.00000E+00							
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
.00000E+00	24	.00000E+00							

SOURCE ID = L0000760 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
.00000E+00	6	.00000E+00							
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
.10000E+01	12	.10000E+01							
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
.00000E+00	18	.00000E+00							
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
.00000E+00	24	.00000E+00							

SOURCE ID = L0000761 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
.00000E+00	6	.00000E+00							
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
.10000E+01	12	.10000E+01							
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
.00000E+00	18	.00000E+00							
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
.00000E+00	24	.00000E+00							

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000762 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000763 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000764 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000765 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000766 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000767 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000768 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000769 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000770 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000771 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000772 ; SOURCE TYPE = VOLUME :

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000773 ; SOURCE TYPE = VOLUME :

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000774 ; SOURCE TYPE = VOLUME :

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000775 ; SOURCE TYPE = VOLUME :

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000776 ; SOURCE TYPE = VOLUME :

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000777 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000778 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000779 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000780 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000781 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000782 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000783 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000784 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000785 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000786 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000787 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000788 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000789 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000790 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000791 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000792 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000793 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000794 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000795 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000796 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000797 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000798 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000799 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000800 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000801 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000802 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000803 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000804 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000805 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000806 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000807 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000808 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000809 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000810 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000811 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000812 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000813 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000814 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000815 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000816 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000817 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000818 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000819 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000820 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000821 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000822 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000823 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000824 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000825 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000826 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000827 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000828 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000829 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000830 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000831 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000832 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000833 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000834 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000835 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000836 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000837 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000838 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000839 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000840 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000841 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000842 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000843 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000844 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000845 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000846 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000847 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000848 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000849 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000850 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000851 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000852 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000853 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000854 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000855 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000856 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000857 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000858 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000859 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000860 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000861 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000862 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000863 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000864 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000865 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000866 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000867 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000868 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000869 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000870 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

SOURCE ID = L0000871 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	
	.00000E+00	6	.00000E+00						
7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	
	.10000E+01	12	.10000E+01						
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	
	.00000E+00	18	.00000E+00						
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	
	.00000E+00	24	.00000E+00						

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000872 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000873 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000874 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000875 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000876 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000877 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000878 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000879 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000880 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000881 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000882 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000883 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000884 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000885 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = L0000886 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+01
9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00
17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000887 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000888 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000889 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000890 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000891 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000892 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000893 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000894 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000895 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000896 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000897 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000898 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000899 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000900 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000901 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000902 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000903 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000904 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000905 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000906 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000907 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000908 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000909 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000910 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000911 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000912 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000913 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000914 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000915 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000916 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000917 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000918 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000919 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000920 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000921 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000922 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000923 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000924 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000925 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000926 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000927 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000928 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000929 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000930 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000931 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000932 ; SOURCE TYPE = VOLUME :

 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000933 ; SOURCE TYPE = VOLUME :

 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000934 ; SOURCE TYPE = VOLUME :

 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000935 ; SOURCE TYPE = VOLUME :

 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000936 ; SOURCE TYPE = VOLUME :

 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000937 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000938 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000939 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000940 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000941 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000942 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000943 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000944 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000945 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000946 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000947 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000948 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000949 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000950 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000951 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000952 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000953 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000954 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000955 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000956 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000957 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000958 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000959 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000960 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000961 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000962 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000963 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000964 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000965 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000966 ; SOURCE TYPE = VOLUME :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000967 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000968 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000969 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000970 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0000971 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000972 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000973 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000974 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000975 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000976 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000977 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000978 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000979 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000980 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

SOURCE ID = L0000981 ; SOURCE TYPE = VOLUME :
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
.0000E+00 6 .0000E+00
 7 .0000E+00 8 .1000E+01 9 .1000E+01 10 .1000E+01 11
.1000E+01 12 .1000E+01
 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00 17
.0000E+00 18 .0000E+00
 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23
.0000E+00 24 .0000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000982 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000983 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000984 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000985 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000986 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000987 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000988 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000989 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000990 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000991 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000992 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000993 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000994 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000995 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000996 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0000997 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000998 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0000999 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001000 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001001 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001002 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001003 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001004 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001005 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001006 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001007 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001008 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001009 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001010 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001011 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001012 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001013 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001014 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001015 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001016 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001017 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001018 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001019 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001020 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001021 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001022 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001023 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001024 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001025 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001026 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = L0001027 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00		
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01
12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00
18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00
24	.00000E+00										

SOURCE ID = L0001028 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00		
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01
12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00
18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00
24	.00000E+00										

SOURCE ID = L0001029 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00		
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01
12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00
18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00
24	.00000E+00										

SOURCE ID = L0001030 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00		
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01
12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00
18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00
24	.00000E+00										

SOURCE ID = L0001031 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00		
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01
12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.00000E+00	17	.00000E+00
18	.00000E+00	19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00
24	.00000E+00										

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001032 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001033 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001034 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001035 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001036 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001037 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001038 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001039 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001040 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001041 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001042 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001043 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001044 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001045 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001046 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001047 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001048 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001049 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001050 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001051 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001052 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001053 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001054 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001055 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001056 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001057 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001058 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001059 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001060 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001061 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001062 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001063 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001064 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001065 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001066 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001067 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001068 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001069 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001070 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001071 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001072 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001073 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001074 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001075 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001076 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001077 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001078 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001079 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001080 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001081 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21

*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001082 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001083 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001084 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001085 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001086 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001087 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001088 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001089 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001090 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001091 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001092 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001093 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001094 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001095 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001096 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001097 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001098 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001099 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001100 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001101 ; SOURCE TYPE = VOLUME :

1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

PAGE 130

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001102 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001103 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001104 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001105 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001106 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001107 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001108 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001109 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001110 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001111 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

PAGE 132

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001112 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001113 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001114 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001115 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001116 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

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*** AERMET - VERSION 16216 *** **

*** 17:23:32

PAGE 133

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001117 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001118 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001119 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001120 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001121 ; SOURCE TYPE = VOLUME :
 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

PAGE 134

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001122 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001123 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001124 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001125 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

SOURCE ID = L0001126 ; SOURCE TYPE = VOLUME :

 1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00 5
.00000E+00 6 .00000E+00
 7 .00000E+00 8 .10000E+01 9 .10000E+01 10 .10000E+01 11
.10000E+01 12 .10000E+01
 13 .10000E+01 14 .10000E+01 15 .10000E+01 16 .00000E+00 17
.00000E+00 18 .00000E+00
 19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00 23
.00000E+00 24 .00000E+00

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

PAGE 135

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

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

SOURCE ID = L0001127 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = L0001128 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

SOURCE ID = EGEN ; SOURCE TYPE = POINT :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00
6	.00000E+00	7	.00000E+00	8	.10000E+01	9	.10000E+01	10	.10000E+01
11	.10000E+01	12	.10000E+01	13	.10000E+01	14	.10000E+01	15	.10000E+01
16	.00000E+00	17	.00000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00		

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\Sunset\Western\Sunset\Western.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
17:23:32
PAGE 136
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

( 379435.0, 3773540.0, 108.1, 108.1, 0.0); ( 379445.0, 3773540.0,
108.3, 108.3, 0.0); ( 379455.0, 3773540.0, 108.6, 108.6, 0.0); ( 379465.0, 3773540.0,
108.9, 108.9, 0.0); ( 379475.0, 3773540.0, 109.2, 109.2, 0.0); ( 379485.0, 3773540.0,
109.3, 109.3, 0.0); ( 379435.0, 3773550.0, 108.3, 108.3, 0.0); ( 379445.0, 3773550.0,
108.6, 108.6, 0.0); ( 379455.0, 3773550.0, 108.8, 108.8, 0.0); ( 379465.0, 3773550.0,
109.1, 109.1, 0.0); ( 379475.0, 3773550.0, 109.4, 109.4, 0.0); ( 379485.0, 3773550.0,
109.5, 109.5, 0.0); ( 379435.0, 3773560.0, 108.5, 108.5, 0.0); ( 379445.0, 3773560.0,
108.8, 108.8, 0.0); ( 379455.0, 3773560.0, 109.0, 109.0, 0.0); ( 379465.0, 3773560.0,
109.3, 109.3, 0.0); ( 379475.0, 3773560.0, 109.5, 109.5, 0.0); ( 379485.0, 3773560.0,
109.6, 109.6, 0.0); ( 379435.0, 3773570.0, 108.6, 108.6, 0.0); ( 379445.0, 3773570.0,
109.0, 109.0, 0.0); ( 379455.0, 3773570.0, 109.2, 109.2, 0.0); ( 379465.0, 3773570.0,
109.4, 109.4, 0.0); ( 379475.0, 3773570.0, 109.6, 109.6, 0.0); ( 379485.0, 3773570.0,
109.8, 109.8, 0.0); ( 379435.0, 3773580.0, 108.7, 108.7, 0.0); ( 379445.0, 3773580.0,
109.0, 109.0, 0.0); ( 379455.0, 3773580.0, 109.2, 109.2, 0.0); ( 379465.0, 3773580.0,
109.5, 109.5, 0.0); ( 379475.0, 3773580.0, 109.7, 109.7, 0.0); ( 379485.0, 3773580.0,
109.8, 109.8, 0.0); ( 379435.0, 3773590.0, 108.8, 108.8, 0.0); ( 379445.0, 3773590.0,
109.0, 109.0, 0.0); ( 379455.0, 3773590.0, 109.3, 109.3, 0.0); ( 379465.0, 3773590.0,
109.5, 109.5, 0.0); ( 379475.0, 3773590.0, 109.7, 109.7, 0.0); ( 379485.0, 3773590.0,
109.9, 109.9, 0.0); ( 379435.0, 3773600.0, 108.9, 108.9, 0.0); ( 379445.0, 3773600.0,
109.1, 109.1, 0.0); ( 379455.0, 3773600.0, 109.3, 109.3, 0.0); ( 379465.0, 3773600.0,
109.5, 109.5, 0.0); ( 379475.0, 3773600.0, 109.7, 109.7, 0.0); ( 379485.0, 3773600.0,
109.9, 109.9, 0.0); ( 379435.0, 3773610.0, 109.0, 109.0, 0.0); ( 379445.0, 3773610.0,
109.2, 109.2, 0.0); ( 379455.0, 3773610.0, 109.4, 109.4, 0.0); ( 379465.0, 3773610.0,
109.6, 109.6, 0.0); ( 379475.0, 3773610.0, 109.7, 109.7, 0.0); ( 379485.0, 3773610.0,
110.0, 110.0, 0.0); ( 379435.0, 3773620.0, 109.1, 109.1, 0.0); ( 379445.0, 3773620.0,
109.3, 109.3, 0.0); ( 379455.0, 3773620.0, 109.5, 109.5, 0.0); ( 379465.0, 3773620.0,
109.6, 109.6, 0.0); ( 379475.0, 3773620.0, 109.7, 109.7, 0.0); ( 379485.0, 3773620.0,
110.0, 110.0, 0.0); ( 379435.0, 3773630.0, 109.2, 109.2, 0.0); ( 379445.0, 3773630.0,
109.4, 109.4, 0.0); ( 379455.0, 3773630.0, 109.6, 109.6, 0.0); ( 379465.0, 3773630.0,
109.7, 109.7, 0.0); ( 379475.0, 3773630.0, 109.8, 109.8, 0.0); ( 379485.0, 3773630.0,
110.1, 110.1, 0.0); ( 379435.0, 3773640.0, 109.3, 109.3, 0.0); ( 379445.0, 3773640.0,
109.5, 109.5, 0.0);

```


Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(379410.0, 3773900.0, 113.0, 113.0, 0.0); (379290.0, 3773910.0,
112.5, 112.5, 0.0);
(379300.0, 3773910.0, 112.6, 112.6, 0.0); (379310.0, 3773910.0,
112.6, 112.6, 0.0);
(379320.0, 3773910.0, 112.7, 112.7, 0.0); (379330.0, 3773910.0,
112.8, 112.8, 0.0);
(379340.0, 3773910.0, 113.1, 113.1, 0.0); (379350.0, 3773910.0,
113.4, 113.4, 0.0);
(379360.0, 3773910.0, 113.4, 113.4, 0.0); (379370.0, 3773910.0,
113.3, 113.3, 0.0);
(379380.0, 3773910.0, 113.3, 113.3, 0.0); (379390.0, 3773910.0,
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(379400.0, 3773910.0, 113.2, 113.2, 0.0); (379410.0, 3773910.0,
113.2, 113.2, 0.0);
(379290.0, 3773920.0, 112.6, 112.6, 0.0); (379300.0, 3773920.0,
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(379310.0, 3773920.0, 112.7, 112.7, 0.0); (379320.0, 3773920.0,
112.8, 112.8, 0.0);
(379330.0, 3773920.0, 112.9, 112.9, 0.0); (379340.0, 3773920.0,
113.1, 113.1, 0.0);
(379350.0, 3773920.0, 113.3, 113.3, 0.0); (379360.0, 3773920.0,
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(379370.0, 3773920.0, 113.4, 113.4, 0.0); (379380.0, 3773920.0,
113.4, 113.4, 0.0);
(379390.0, 3773920.0, 113.5, 113.5, 0.0); (379400.0, 3773920.0,
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(379410.0, 3773920.0, 113.6, 113.6, 0.0); (379290.0, 3773930.0,
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(379300.0, 3773930.0, 112.7, 112.7, 0.0); (379310.0, 3773930.0,
112.8, 112.8, 0.0);
(379320.0, 3773930.0, 112.8, 112.8, 0.0); (379330.0, 3773930.0,
112.9, 112.9, 0.0);
(379340.0, 3773930.0, 113.1, 113.1, 0.0); (379350.0, 3773930.0,
113.2, 113.2, 0.0);
(379360.0, 3773930.0, 113.4, 113.4, 0.0); (379370.0, 3773930.0,
113.5, 113.5, 0.0);
(379380.0, 3773930.0, 113.6, 113.6, 0.0); (379390.0, 3773930.0,
113.7, 113.7, 0.0);
(379400.0, 3773930.0, 113.8, 113.8, 0.0); (379410.0, 3773930.0,
113.9, 113.9, 0.0);
(379235.6, 3773800.0, 109.8, 109.8, 0.0); (379234.1, 3773638.6,
107.3, 107.3, 0.0);
(379426.0, 3773637.7, 109.1, 109.1, 0.0); (379425.1, 3773799.4,
111.0, 111.0, 0.0);

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **

C:\AERMOD\SunsetWestern\SunsetWestern.isc

*** 11/09/21

*** AERMET - VERSION 16216 *** **

*** 17:23:32

PAGE 139

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR

PROCESSING ***

(1=YES; 0=NO)

```
1111111111 1111111111 1111111111 1111111111
1111111111
1111111111 1111111111 1111111111 1111111111
1111111111
1111111111 1111111111 1111111111 1111111111
1111111111
1111111111 1111111111 1111111111 1111111111
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1111111111
1111111111 1111111111 1111111111 1111111111
1111111111
1111111111 1111111111 1111111111 1111111111
1111111111
1111111111 1111111111 1111111111 1111111111
1111111111
1111111111 111111
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO
DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED

CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

Sunset and Western – Health Risk Assessment AERMOD Output File

*** AERMOD - VERSION 21112 *** **
 C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
 *** AERMET - VERSION 16216 *** **
 *** 17:23:32

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
 10 01 01 01 17.7 0 -999. -99.00 284.9 99.0 -99.00 -99.00
 10 01 01 01 21.3 1 38. 3.10 -999.0 99.0 -99.00 -99.00

PAGE 140

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA ***

Surface file: Met\CELA_v9.SFC Met
 Version: 16216
 Profile file: Met\CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134 Upper air station no.: 3190
 Name: UNKNOWN Name: UNKNOWN
 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	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	0.86	1.00	3.10	38.	21.3	284.9	17.7			
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	0.86	1.00	2.70	38.	21.3	284.2	17.7			
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	0.86	1.00	3.60	35.	21.3	284.2	17.7			
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	0.86	1.00	3.10	34.	21.3	283.8	17.7			
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	0.86	1.00	3.10	37.	21.3	283.1	17.7			
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	0.86	1.00	3.60	24.	21.3	283.1	17.7			
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	0.86	1.00	3.60	35.	21.3	283.8	17.7			
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	0.86	0.55	4.00	35.	21.3	283.8	17.7			
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	0.86	0.32	3.60	38.	21.3	286.4	17.7			
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	0.86	0.24	2.70	34.	21.3	290.4	17.7			
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	0.86	0.21	2.20	43.	21.3	292.5	17.7			
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	0.86	0.20	1.80	62.	21.3	295.9	17.7			
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	0.86	0.20	3.10	263.	21.3	294.2	17.7			
10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56	0.86	0.21	2.20	259.	21.3	294.9	17.7			
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56	0.86	0.25	2.20	267.	21.3	294.9	17.7			
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56	0.86	0.33	3.10	264.	21.3	292.5	17.7			
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56	0.86	0.60	2.20	288.	21.3	290.9	17.7			
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56	0.86	1.00	344.	21.3	289.2	17.7			1.30	
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56	0.86	1.00	1.80	2.	21.3	288.8	17.7			
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56	0.86	1.00	2.20	22.	21.3	288.1	17.7			
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56	0.86	1.00	2.20	40.	21.3	287.0	17.7			
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56	0.86	1.00	1.80	306.	21.3	287.0	17.7			
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56	0.86	1.00	1.80	45.	21.3	286.4	17.7			
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56	0.86	1.00	1.80	67.	21.3	286.4	17.7			

First hour of profile data

Sunset and Western – Health Risk Assessment AERMOD Output File

```

*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 141
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONST ***
INCLUDING SOURCE(S): L0000588 , L0000589 ,
L0000590 , L0000591 , L0000592 ,
L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
L0000598 , L0000599 , L0000600 ,
L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
L0000606 , L0000607 , L0000608 ,
L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
L0000614 , L0000615 , ... ,
*** 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
-----
---
379435.00 3773540.00 1.69929 379445.00 3773540.00
1.60247
379455.00 3773540.00 1.50673 379465.00 3773540.00
1.41334
379475.00 3773540.00 1.32270 379485.00 3773540.00
1.23854
379435.00 3773550.00 1.91356 379445.00 3773550.00
1.79450
379455.00 3773550.00 1.67767 379465.00 3773550.00
1.56463
379475.00 3773550.00 1.45573 379485.00 3773550.00
1.35565
379435.00 3773560.00 2.17036 379445.00 3773560.00
2.02182
379455.00 3773560.00 1.87737 379465.00 3773560.00
1.73871
379475.00 3773560.00 1.60727 379485.00 3773560.00
1.48761
379435.00 3773570.00 2.48202 379445.00 3773570.00
2.29378
379455.00 3773570.00 2.11198 379465.00 3773570.00
1.94092
379475.00 3773570.00 1.78130 379485.00 3773570.00
1.63651
379435.00 3773580.00 2.86647 379445.00 3773580.00
2.62343
379455.00 3773580.00 2.39274 379465.00 3773580.00
2.17903
379475.00 3773580.00 1.98371 379485.00 3773580.00
1.80777
379435.00 3773590.00 3.34806 379445.00 3773590.00
3.02639
379455.00 3773590.00 2.72789 379465.00 3773590.00
2.45769
379475.00 3773590.00 2.21619 379485.00 3773590.00
2.00178
379435.00 3773600.00 3.96293 379445.00 3773600.00
3.52368
379455.00 3773600.00 3.12930 379465.00 3773600.00
2.78339
379475.00 3773600.00 2.48291 379485.00 3773600.00
2.22102
379435.00 3773610.00 4.76504 379445.00 3773610.00
4.14125
379455.00 3773610.00 3.60770 379465.00 3773610.00
3.16064

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 142
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONST ***
INCLUDING SOURCE(S): L0000588 , L0000589 ,
L0000590 , L0000591 , L0000592 ,
L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
L0000598 , L0000599 , L0000600 ,
L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
L0000606 , L0000607 , L0000608 ,
L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
L0000614 , L0000615 , ... ,
*** 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
-----
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379455.00 3773670.00 7.53056 379465.00 3773670.00
6.05218
379475.00 3773670.00 5.00851 379485.00 3773670.00
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379435.00 3773680.00 14.66836 379445.00 3773680.00
10.46402
379455.00 3773680.00 8.04996 379465.00 3773680.00
6.46002
379475.00 3773680.00 5.33423 379485.00 3773680.00
4.49663
379435.00 3773690.00 15.29626 379445.00 3773690.00
10.98574
379455.00 3773690.00 8.47826 379465.00 3773690.00
6.80737
379475.00 3773690.00 5.61757 379485.00 3773690.00
4.73244
379435.00 3773700.00 15.74909 379445.00 3773700.00
11.37772
379455.00 3773700.00 8.81220 379465.00 3773700.00
7.09233
379475.00 3773700.00 5.85969 379485.00 3773700.00
4.93698
379435.00 3773710.00 16.05011 379445.00 3773710.00
11.65000
379455.00 3773710.00 9.05656 379465.00 3773710.00
7.31164
379475.00 3773710.00 6.05344 379485.00 3773710.00
5.10437
379435.00 3773720.00 16.21338 379445.00 3773720.00
11.81267
379455.00 3773720.00 9.21299 379465.00 3773720.00
7.46124
379475.00 3773720.00 6.19344 379485.00 3773720.00
5.23031
379435.00 3773730.00 16.24720 379445.00 3773730.00
11.87554
379455.00 3773730.00 9.29134 379465.00 3773730.00
7.54676
379475.00 3773730.00 6.28039 379485.00 3773730.00
5.31371
379280.00 3773830.00 8.82316 379290.00 3773830.00
9.25075
379300.00 3773830.00 9.60136 379280.00 3773840.00
6.93274
379290.00 3773840.00 7.28624 379300.00 3773840.00
7.58643
379280.00 3773850.00 5.63791 379290.00 3773850.00
5.92697
379300.00 3773850.00 6.17761 379280.00 3773860.00
4.69750
379290.00 3773860.00 4.93335 379300.00 3773860.00
5.13969
379250.00 3773870.00 3.29547 379260.00 3773870.00
3.53977
379270.00 3773870.00 3.77172 379280.00 3773870.00
3.98530
379290.00 3773870.00 4.17889 379300.00 3773870.00
4.34827
379250.00 3773880.00 2.86239 379260.00 3773880.00
3.06170
379270.00 3773880.00 3.25267 379280.00 3773880.00
3.42936
379290.00 3773880.00 3.58829 379300.00 3773880.00
3.72992
379310.00 3773880.00 3.85521 379320.00 3773880.00
3.95943
379330.00 3773880.00 4.04036 379340.00 3773880.00
4.09715
379350.00 3773880.00 4.12913 379360.00 3773880.00
4.13552
379370.00 3773880.00 4.11583 379380.00 3773880.00
4.06959
379390.00 3773880.00 3.99372 379400.00 3773880.00
3.89224
379410.00 3773880.00 3.77091 379290.00 3773890.00
3.11551
379300.00 3773890.00 3.23733 379310.00 3773890.00
3.34562
379320.00 3773890.00 3.43709 379330.00 3773890.00
3.50975

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 143
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CONST ***
INCLUDING SOURCE(S): L0000588 , L0000589 ,
L0000590 , L0000591 , L0000592 ,
L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
L0000598 , L0000599 , L0000600 ,
L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
L0000606 , L0000607 , L0000608 ,
L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
L0000614 , L0000615 , . . . ,
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379300.00 3773930.00 2.00955 379310.00 3773930.00
2.07274
379320.00 3773930.00 2.12827 379330.00 3773930.00
2.17527
379340.00 3773930.00 2.21291 379350.00 3773930.00
2.24110
379360.00 3773930.00 2.25936 379370.00 3773930.00
2.26729
379380.00 3773930.00 2.26476 379390.00 3773930.00
2.25195
379400.00 3773930.00 2.22928 379410.00 3773930.00
2.19717
379235.63 3773800.01 14.20700 379234.15 3773638.60
13.74253
379426.01 3773637.71 11.78323 379425.13 3773799.42
14.42037

```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)

379340.00	3773890.00	3.56282	379350.00	3773890.00
3.59605				
379360.00	3773890.00	3.60828	379370.00	3773890.00
3.59866				
379380.00	3773890.00	3.56725	379390.00	3773890.00
3.51282				
379400.00	3773890.00	3.43797	379410.00	3773890.00
3.34622				
379290.00	3773900.00	2.73229	379300.00	3773900.00
2.83830				
379310.00	3773900.00	2.93261	379320.00	3773900.00
3.01307				
379330.00	3773900.00	3.07818	379340.00	3773900.00
3.12721				
379350.00	3773900.00	3.15997	379360.00	3773900.00
3.17584				
379370.00	3773900.00	3.17349	379380.00	3773900.00
3.15279				
379390.00	3773900.00	3.11393	379400.00	3773900.00
3.05833				
379410.00	3773900.00	2.98861	379290.00	3773910.00
2.41758				
379300.00	3773910.00	2.51032	379310.00	3773910.00
2.59278				
379320.00	3773910.00	2.66393	379330.00	3773910.00
2.72233				
379340.00	3773910.00	2.76708	379350.00	3773910.00
2.79859				
379360.00	3773910.00	2.81645	379370.00	3773910.00
2.81920				
379380.00	3773910.00	2.80653	379390.00	3773910.00
2.77920				
379400.00	3773910.00	2.73788	379410.00	3773910.00
2.68441				
379290.00	3773920.00	2.15827	379300.00	3773920.00
2.23867				
379310.00	3773920.00	2.31057	379320.00	3773920.00
2.37326				
379330.00	3773920.00	2.42559	379340.00	3773920.00
2.46665				
379350.00	3773920.00	2.49657	379360.00	3773920.00
2.51490				
379370.00	3773920.00	2.52081	379380.00	3773920.00
2.51418				
379390.00	3773920.00	2.49543	379400.00	3773920.00
2.46507				

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 144
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EGEN ***
INCLUDING SOURCE(S): EGEN ,
*** 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
-----
0.35760 379435.00 3773540.00 0.37075 379445.00 3773540.00
0.33237 379455.00 3773540.00 0.34480 379465.00 3773540.00
0.30830 379475.00 3773540.00 0.32034 379485.00 3773540.00
0.37717 379435.00 3773550.00 0.39167 379445.00 3773550.00
0.34936 379455.00 3773550.00 0.36306 379465.00 3773550.00
0.32309 379475.00 3773550.00 0.33615 379485.00 3773550.00
0.39807 379435.00 3773560.00 0.41411 379445.00 3773560.00
0.36745 379455.00 3773560.00 0.38252 379465.00 3773560.00
0.33878 379475.00 3773560.00 0.35295 379485.00 3773560.00
0.42039 379435.00 3773570.00 0.43816 379445.00 3773570.00
0.38664 379455.00 3773570.00 0.40325 379465.00 3773570.00
0.35546 379475.00 3773570.00 0.37078 379485.00 3773570.00
0.44399 379435.00 3773580.00 0.46371 379445.00 3773580.00
0.40689 379455.00 3773580.00 0.42505 379465.00 3773580.00
0.37307 379475.00 3773580.00 0.38959 379485.00 3773580.00
0.46928 379435.00 3773590.00 0.49114 379445.00 3773590.00
0.42854 379455.00 3773590.00 0.44842 379465.00 3773590.00
0.39185 379475.00 3773590.00 0.40970 379485.00 3773590.00
0.49651 379435.00 3773600.00 0.52066 379445.00 3773600.00
0.45178 379455.00 3773600.00 0.47354 379465.00 3773600.00
0.41196 379475.00 3773600.00 0.43124 379485.00 3773600.00
0.52595 379435.00 3773610.00 0.55251 379445.00 3773610.00
0.47683 379455.00 3773610.00 0.50075 379465.00 3773610.00
0.43350 379475.00 3773610.00 0.45439 379485.00 3773610.00
0.55774 379435.00 3773620.00 0.58701 379445.00 3773620.00
0.50393 379455.00 3773620.00 0.53012 379465.00 3773620.00
0.45673 379475.00 3773620.00 0.47941 379485.00 3773620.00

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 145
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EGEN ***
INCLUDING SOURCE(S): EGEN ,
*** 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
-----
---
379455.00 3773670.00 0.72230 379465.00 3773670.00
0.68090
379475.00 3773670.00 0.64281 379485.00 3773670.00
0.60768
379435.00 3773680.00 0.87560 379445.00 3773680.00
0.82245
379455.00 3773680.00 0.77270 379465.00 3773680.00
0.72710
379475.00 3773680.00 0.68524 379485.00 3773680.00
0.64649
379435.00 3773690.00 0.94339 379445.00 3773690.00
0.88339
379455.00 3773690.00 0.82824 379465.00 3773690.00
0.77783
379475.00 3773690.00 0.73165 379485.00 3773690.00
0.68671
379435.00 3773700.00 1.01807 379445.00 3773700.00
0.95061
379455.00 3773700.00 0.88708 379465.00 3773700.00
0.82942
379475.00 3773700.00 0.77723 379485.00 3773700.00
0.72832
379435.00 3773710.00 1.09982 379445.00 3773710.00
1.02429
379455.00 3773710.00 0.95060 379465.00 3773710.00
0.88527
379475.00 3773710.00 0.82647 379485.00 3773710.00
0.77315
379435.00 3773720.00 1.18907 379445.00 3773720.00
1.10426
379455.00 3773720.00 1.01936 379465.00 3773720.00
0.94591
379475.00 3773720.00 0.87988 379485.00 3773720.00
0.82134
379435.00 3773730.00 1.28525 379445.00 3773730.00
1.18445
379455.00 3773730.00 1.09041 379465.00 3773730.00
1.00879
379475.00 3773730.00 0.93577 379485.00 3773730.00
0.87165
379280.00 3773830.00 9.37336 379290.00 3773830.00
9.26906
379300.00 3773830.00 8.78955 379280.00 3773840.00
8.25905
379290.00 3773840.00 8.12231 379300.00 3773840.00
7.74966
379280.00 3773850.00 7.14207 379290.00 3773850.00
7.02357
379300.00 3773850.00 6.75501 379280.00 3773860.00
6.13604
379290.00 3773860.00 6.05764 379300.00 3773860.00
5.87776
379250.00 3773870.00 4.79000 379260.00 3773870.00
5.05332
379270.00 3773870.00 5.22407 379280.00 3773870.00
5.28493
379290.00 3773870.00 5.24153 379300.00 3773870.00
5.12238
379250.00 3773880.00 4.14334 379260.00 3773880.00
4.36152
379270.00 3773880.00 4.51005 379280.00 3773880.00
4.57415
379290.00 3773880.00 4.55739 379300.00 3773880.00
4.48231
379310.00 3773880.00 4.36267 379320.00 3773880.00
4.20063
379330.00 3773880.00 4.00478 379340.00 3773880.00
3.78669
379350.00 3773880.00 3.55787 379360.00 3773880.00
3.32740
379370.00 3773880.00 3.10120 379380.00 3773880.00
2.88390
379390.00 3773880.00 2.67972 379400.00 3773880.00
2.48766
379410.00 3773880.00 2.30786 379290.00 3773890.00
3.98575
379300.00 3773890.00 3.94300 379310.00 3773890.00
3.86089
379320.00 3773890.00 3.74346 379330.00 3773890.00
3.59677

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 146
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: EGEN ***
INCLUDING SOURCE(S): EGEN ,

```

```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF DPM IN MICROGRAMS/M**3
**

```

X-COORD (M) COORD (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-COORD (M)
3.24714	379340.00	3773890.00	3.42793	379350.00 3773890.00
2.87809	379360.00	3773890.00	3.06271	379370.00 3773890.00
2.52310	379380.00	3773890.00	2.69680	379390.00 3773890.00
2.19930	379400.00	3773890.00	2.35695	379410.00 3773890.00
3.48755	379290.00	3773900.00	3.50893	379300.00 3773900.00
3.34643	379310.00	3773900.00	3.43189	379320.00 3773900.00
3.10386	379330.00	3773900.00	3.23553	379340.00 3773900.00
2.81265	379350.00	3773900.00	2.96021	379360.00 3773900.00
2.51253	379370.00	3773900.00	2.66255	379380.00 3773900.00
2.22283	379390.00	3773900.00	2.36549	379400.00 3773900.00
3.10910	379410.00	3773900.00	2.08549	379290.00 3773910.00
3.06474	379300.00	3773910.00	3.10186	379310.00 3773910.00
2.91842	379320.00	3773910.00	3.00256	379330.00 3773910.00
2.70030	379340.00	3773910.00	2.81512	379350.00 3773910.00
2.45937	379360.00	3773910.00	2.58154	379370.00 3773910.00
2.21074	379380.00	3773910.00	2.33507	379390.00 3773910.00
1.96974	379400.00	3773910.00	2.08866	379410.00 3773910.00
2.77595	379290.00	3773920.00	2.77535	379300.00 3773920.00
2.70563	379310.00	3773920.00	2.75141	379320.00 3773920.00
2.56106	379330.00	3773920.00	2.64152	379340.00 3773920.00
2.37274	379350.00	3773920.00	2.46977	379360.00 3773920.00
2.16690	379370.00	3773920.00	2.27127	379380.00 3773920.00
1.95651	379390.00	3773920.00	2.06132	379400.00 3773920.00
2.48986	379410.00	3773920.00	1.85410	379290.00 3773930.00
2.48054	379300.00	3773930.00	2.49579	379310.00 3773930.00
2.39797	379320.00	3773930.00	2.44714	379330.00 3773930.00
2.26250	379340.00	3773930.00	2.33514	379350.00 3773930.00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 147
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: MARKET ***
INCLUDING SOURCE(S): L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 ,
L0001139 ,
*** 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
-----
379435.00 3773540.00 1.24989 379445.00 3773540.00
1.22953
379455.00 3773540.00 1.20451 379465.00 3773540.00
1.17539
379475.00 3773540.00 1.14281 379485.00 3773540.00
1.10761
379435.00 3773550.00 1.38791 379445.00 3773550.00
1.36389
379455.00 3773550.00 1.33419 379465.00 3773550.00
1.29955
379475.00 3773550.00 1.26077 379485.00 3773550.00
1.21889
379435.00 3773560.00 1.54904 379445.00 3773560.00
1.52039
379455.00 3773560.00 1.48476 379465.00 3773560.00
1.44315
379475.00 3773560.00 1.39662 379485.00 3773560.00
1.34643
379435.00 3773570.00 1.73856 379445.00 3773570.00
1.70399
379455.00 3773570.00 1.66077 379465.00 3773570.00
1.61029
379475.00 3773570.00 1.55392 379485.00 3773570.00
1.49325
379435.00 3773580.00 1.96342 379445.00 3773580.00
1.92117
379455.00 3773580.00 1.86815 379465.00 3773580.00
1.80616
379475.00 3773580.00 1.73716 379485.00 3773580.00
1.66316
379435.00 3773590.00 2.23272 379445.00 3773590.00
2.18029
379455.00 3773590.00 2.11428 379465.00 3773590.00
2.03722
379475.00 3773590.00 1.95179 379485.00 3773590.00
1.86070
379435.00 3773600.00 2.55875 379445.00 3773600.00
2.49248
379455.00 3773600.00 2.40900 379465.00 3773600.00
2.31188
379475.00 3773600.00 2.20487 379485.00 3773600.00
2.09158
379435.00 3773610.00 2.95810 379445.00 3773610.00
2.87261
379455.00 3773610.00 2.76516 379465.00 3773610.00
2.64097
379475.00 3773610.00 2.50528 379485.00 3773610.00
2.36289
379435.00 3773620.00 3.45371 379445.00 3773620.00
3.34094
379455.00 3773620.00 3.19996 379465.00 3773620.00
3.03853

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 148
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: MARKET ***
INCLUDING SOURCE(S): L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 ,
L0001139 ,
*** 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
-----
379455.00 3773670.00 7.75745 379465.00 3773670.00
6.96001
379475.00 3773670.00 6.20000 379485.00 3773670.00
5.50358
379435.00 3773680.00 11.95120 379445.00 3773680.00
10.82664
379455.00 3773680.00 9.61922 379465.00 3773680.00
8.45245
379475.00 3773680.00 7.38839 379485.00 3773680.00
6.44969
379435.00 3773690.00 15.91615 379445.00 3773690.00
14.00866
379455.00 3773690.00 12.09334 379465.00 3773690.00
10.35262
379475.00 3773690.00 8.84651 379485.00 3773690.00
7.57530
379435.00 3773700.00 21.94097 379445.00 3773700.00
18.51555
379455.00 3773700.00 15.38048 379465.00 3773700.00
12.74567
379475.00 3773700.00 10.60584 379485.00 3773700.00
8.88813
379435.00 3773710.00 31.41894 379445.00 3773710.00
24.90165
379455.00 3773710.00 19.66472 379465.00 3773710.00
15.67557
379475.00 3773710.00 12.66111 379485.00 3773710.00
10.36785
379435.00 3773720.00 46.53770 379445.00 3773720.00
33.66492
379455.00 3773720.00 24.98093 379465.00 3773720.00
19.07856
379475.00 3773720.00 14.94767 379485.00 3773720.00
11.96837
379435.00 3773730.00 69.11591 379445.00 3773730.00
44.63265
379455.00 3773730.00 31.00727 379465.00 3773730.00
22.73501
379475.00 3773730.00 17.32803 379485.00 3773730.00
13.59732
379280.00 3773830.00 3.34570 379290.00 3773830.00
3.85862
379300.00 3773830.00 4.48403 379280.00 3773840.00
3.11981
379290.00 3773840.00 3.56949 379300.00 3773840.00
4.10560
379280.00 3773850.00 2.89476 379290.00 3773850.00
3.28336
379300.00 3773850.00 3.73496 379280.00 3773860.00
2.67517
379290.00 3773860.00 3.00726 379300.00 3773860.00
3.37977

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 149
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: MARKET ***
INCLUDING SOURCE(S): L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 ,
L0001139 ,

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379340.00 3773930.00 2.28964 379350.00 3773930.00
2.45613
379360.00 3773930.00 2.62746 379370.00 3773930.00
2.79905
379380.00 3773930.00 2.96528 379390.00 3773930.00
3.12005
379400.00 3773930.00 3.25876 379410.00 3773930.00
3.37612
379235.63 3773800.01 2.14304 379234.15 3773638.60
1.45797
379426.01 3773637.71 4.80239 379425.13 3773799.42
120.92744

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
379340.00	3773890.00	3.65592	379350.00	3773890.00
4.01348				
379360.00	3773890.00	4.40023	379370.00	3773890.00
4.79864				
379380.00	3773890.00	5.18978	379390.00	3773890.00
5.55675				
379400.00	3773890.00	5.86616	379410.00	3773890.00
6.09932				
379290.00	3773900.00	2.04671	379300.00	3773900.00
2.23951				
379310.00	3773900.00	2.45492	379320.00	3773900.00
2.69210				
379330.00	3773900.00	2.94737	379340.00	3773900.00
3.21417				
379350.00	3773900.00	3.49964	379360.00	3773900.00
3.81221				
379370.00	3773900.00	4.13284	379380.00	3773900.00
4.44471				
379390.00	3773900.00	4.73266	379400.00	3773900.00
4.97855				
379410.00	3773900.00	5.16997	379290.00	3773910.00
1.86220				
379300.00	3773910.00	2.03075	379310.00	3773910.00
2.21462				
379320.00	3773910.00	2.41530	379330.00	3773910.00
2.62874				
379340.00	3773910.00	2.84763	379350.00	3773910.00
3.08030				
379360.00	3773910.00	3.33557	379370.00	3773910.00
3.59669				
379380.00	3773910.00	3.84838	379390.00	3773910.00
4.07898				
379400.00	3773910.00	4.27896	379410.00	3773910.00
4.43901				
379290.00	3773920.00	1.70820	379300.00	3773920.00
1.85361				
379310.00	3773920.00	2.01049	379320.00	3773920.00
2.18033				
379330.00	3773920.00	2.36109	379340.00	3773920.00
2.54707				
379350.00	3773920.00	2.74269	379360.00	3773920.00
2.95055				
379370.00	3773920.00	3.16072	379380.00	3773920.00
3.36367				
379390.00	3773920.00	3.55127	379400.00	3773920.00
3.71680				
379410.00	3773920.00	3.85341	379290.00	3773930.00
1.56980				
379300.00	3773930.00	1.69590	379310.00	3773930.00
1.83101				
379320.00	3773930.00	1.97628	379330.00	3773930.00
2.13023				

Sunset and Western – Health Risk Assessment AERMOD Output File

```

*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 150
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: RESIDENT ***
INCLUDING SOURCE(S): L0001129 , L0001130 ,
L0001131 , L0001132 , L0001133 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF DPM IN MICROGRAMS/M**3
**
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-
COORD (M)
-----
379435.00 3773540.00 0.95810 379445.00 3773540.00
0.90265
379455.00 3773540.00 0.85059 379465.00 3773540.00
0.80185
379475.00 3773540.00 0.75633 379485.00 3773540.00
0.71403
379435.00 3773550.00 1.02936 379445.00 3773550.00
0.96674
379455.00 3773550.00 0.90834 379465.00 3773550.00
0.85399
379475.00 3773550.00 0.80354 379485.00 3773550.00
0.75684
379435.00 3773560.00 1.10723 379445.00 3773560.00
1.03647
379455.00 3773560.00 0.97093 379465.00 3773560.00
0.91036
379475.00 3773560.00 0.85445 379485.00 3773560.00
0.80289
379435.00 3773570.00 1.19241 379445.00 3773570.00
1.11245
379455.00 3773570.00 1.03889 379465.00 3773570.00
0.97138
379475.00 3773570.00 0.90929 379485.00 3773570.00
0.85184
379435.00 3773580.00 1.28580 379445.00 3773580.00
1.19542
379455.00 3773580.00 1.11285 379465.00 3773580.00
1.03749
379475.00 3773580.00 0.96849 379485.00 3773580.00
0.90461
379435.00 3773590.00 1.38812 379445.00 3773590.00
1.28592
379455.00 3773590.00 1.19318 379465.00 3773590.00
1.10906
379475.00 3773590.00 1.03230 379485.00 3773590.00
0.96132
379435.00 3773600.00 1.50015 379445.00 3773600.00
1.38455
379455.00 3773600.00 1.28037 379465.00 3773600.00
1.18645
379475.00 3773600.00 1.10112 379485.00 3773600.00
1.02215
379435.00 3773610.00 1.62257 379445.00 3773610.00
1.49178
379455.00 3773610.00 1.37476 379465.00 3773610.00
1.26992
379475.00 3773610.00 1.17517 379485.00 3773610.00
1.08702
379435.00 3773620.00 1.75588 379445.00 3773620.00
1.60799
379455.00 3773620.00 1.47659 379465.00 3773620.00
1.35953

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** AERMOD - VERSION 21112 *** ***
C:\AERMOD\SunsetWestern\SunsetWestern.isc *** 11/09/21
*** AERMET - VERSION 16216 *** ***
*** 17:23:32
PAGE 151
*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: RESIDENT ***
INCLUDING SOURCE(S): L0001129 , L0001130 ,
L0001131 , L0001132 , L0001133 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF DPM IN MICROGRAMS/M**3
**
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-
COORD (M)
-----
---
379455.00 3773670.00 2.07078 379465.00 3773670.00
1.87441
379475.00 3773670.00 1.70385 379485.00 3773670.00
1.55371
379435.00 3773680.00 2.74457 379445.00 3773680.00
2.44996
379455.00 3773680.00 2.19538 379465.00 3773680.00
1.98310
379475.00 3773680.00 1.79939 379485.00 3773680.00
1.63785
379435.00 3773690.00 2.91517 379445.00 3773690.00
2.59352
379455.00 3773690.00 2.31896 379465.00 3773690.00
2.09077
379475.00 3773690.00 1.89421 379485.00 3773690.00
1.72147
379435.00 3773700.00 3.07555 379445.00 3773700.00
2.73126
379455.00 3773700.00 2.43976 379465.00 3773700.00
2.19470
379475.00 3773700.00 1.98421 379485.00 3773700.00
1.80106
379435.00 3773710.00 3.22072 379445.00 3773710.00
2.85882
379455.00 3773710.00 2.55234 379465.00 3773710.00
2.29250
379475.00 3773710.00 2.06957 379485.00 3773710.00
1.87685
379435.00 3773720.00 3.34600 379445.00 3773720.00
2.97103
379455.00 3773720.00 2.65274 379465.00 3773720.00
2.38135
379475.00 3773720.00 2.14830 379485.00 3773720.00
1.94713
379435.00 3773730.00 3.44779 379445.00 3773730.00
3.06440
379455.00 3773730.00 2.73773 379465.00 3773730.00
2.45816
379475.00 3773730.00 2.21769 379485.00 3773730.00
2.00975
379280.00 3773830.00 8.02318 379290.00 3773830.00
7.96069
379300.00 3773830.00 7.79810 379280.00 3773840.00
6.72666
379290.00 3773840.00 6.71586 379300.00 3773840.00
6.63209
379280.00 3773850.00 5.71897 379290.00 3773850.00
5.73587
379300.00 3773850.00 5.69521 379280.00 3773860.00
4.92268
379290.00 3773860.00 4.95046 379300.00 3773860.00
4.93195

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Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*
*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: RESIDENT ***
INCLUDING SOURCE(S): L0001129 , L0001130 ,
L0001131 , L0001132 , L0001133 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF DPM IN MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
379340.00	3773890.00	3.16181	379350.00	3773890.00
379360.00	3773890.00	2.96183	379370.00	3773890.00
379380.00	3773890.00	2.72576	379390.00	3773890.00
379400.00	3773890.00	2.47649	379410.00	3773890.00
379290.00	3773900.00	2.98258	379300.00	3773900.00
379310.00	3773900.00	2.98511	379320.00	3773900.00
379330.00	3773900.00	2.91054	379340.00	3773900.00
379350.00	3773900.00	2.77576	379360.00	3773900.00
379370.00	3773900.00	2.59512	379380.00	3773900.00
379390.00	3773900.00	2.39160	379400.00	3773900.00
379410.00	3773900.00	2.18147	379290.00	3773910.00
379300.00	3773910.00	2.68377	379310.00	3773910.00
379320.00	3773910.00	2.66054	379330.00	3773910.00
379340.00	3773910.00	2.57895	379350.00	3773910.00
379360.00	3773910.00	2.44948	379370.00	3773910.00
379380.00	3773910.00	2.28895	379390.00	3773910.00
379400.00	3773910.00	2.11356	379410.00	3773910.00
379290.00	3773920.00	2.40135	379300.00	3773920.00
379310.00	3773920.00	2.41766	379320.00	3773920.00
379330.00	3773920.00	2.37878	379340.00	3773920.00
379350.00	3773920.00	2.29415	379360.00	3773920.00
379370.00	3773920.00	2.17359	379380.00	3773920.00
379390.00	3773920.00	2.03164	379400.00	3773920.00
379410.00	3773920.00	1.87947	379290.00	3773930.00
379300.00	3773930.00	2.18669	379310.00	3773930.00
379320.00	3773930.00	2.18255	379330.00	3773930.00

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS)

RESULTS ***

** CONC OF DPM IN MICROGRAMS/M**3

**

GROUP ID AVERAGE CONC RECEPTOR NETWORK
ZHILL, ZFLAG) OF TYPE GRID-ID

CONST 1ST HIGHEST VALUE IS 16.24720 AT (379435.00, 3773730.00,
110.31, 110.31, 0.00) DC
2ND HIGHEST VALUE IS 16.21338 AT (379435.00, 3773720.00, 110.19,
110.19, 0.00) DC
3RD HIGHEST VALUE IS 16.05011 AT (379435.00, 3773710.00, 110.09,
110.09, 0.00) DC
4TH HIGHEST VALUE IS 15.74909 AT (379435.00, 3773700.00, 109.99,
109.99, 0.00) DC
5TH HIGHEST VALUE IS 15.29626 AT (379435.00, 3773690.00, 109.88,
109.88, 0.00) DC
6TH HIGHEST VALUE IS 14.66836 AT (379435.00, 3773680.00, 109.76,
109.76, 0.00) DC
7TH HIGHEST VALUE IS 14.42037 AT (379425.13, 3773799.42, 111.01,
111.01, 0.00) DC
8TH HIGHEST VALUE IS 14.20700 AT (379235.63, 3773800.01, 109.83,
109.83, 0.00) DC
9TH HIGHEST VALUE IS 13.82421 AT (379435.00, 3773670.00, 109.64,
109.64, 0.00) DC
10TH HIGHEST VALUE IS 13.74253 AT (379234.15, 3773638.60, 107.33,
107.33, 0.00) DC

EGEN 1ST HIGHEST VALUE IS 9.37336 AT (379280.00, 3773830.00,
110.28, 110.28, 0.00) DC
2ND HIGHEST VALUE IS 9.26906 AT (379290.00, 3773830.00, 110.47,
110.47, 0.00) DC
3RD HIGHEST VALUE IS 8.78955 AT (379300.00, 3773830.00, 110.66,
110.66, 0.00) DC
4TH HIGHEST VALUE IS 8.25905 AT (379280.00, 3773840.00, 110.42,
110.42, 0.00) DC
5TH HIGHEST VALUE IS 8.12231 AT (379290.00, 3773840.00, 110.69,
110.69, 0.00) DC
6TH HIGHEST VALUE IS 7.74966 AT (379300.00, 3773840.00, 110.97,
110.97, 0.00) DC
7TH HIGHEST VALUE IS 7.14207 AT (379280.00, 3773850.00, 110.59,
110.59, 0.00) DC
8TH HIGHEST VALUE IS 7.02357 AT (379290.00, 3773850.00, 110.92,
110.92, 0.00) DC
9TH HIGHEST VALUE IS 6.75501 AT (379300.00, 3773850.00, 111.25,
111.25, 0.00) DC
10TH HIGHEST VALUE IS 6.13604 AT (379280.00, 3773860.00, 110.84,
110.84, 0.00) DC

MARKET 1ST HIGHEST VALUE IS 120.92744 AT (379425.13, 3773799.42,
111.01, 111.01, 0.00) DC
2ND HIGHEST VALUE IS 69.11591 AT (379435.00, 3773730.00, 110.31,
110.31, 0.00) DC
3RD HIGHEST VALUE IS 46.53770 AT (379435.00, 3773720.00, 110.19,
110.19, 0.00) DC
4TH HIGHEST VALUE IS 44.63265 AT (379445.00, 3773730.00, 110.57,
110.57, 0.00) DC
5TH HIGHEST VALUE IS 33.66492 AT (379445.00, 3773720.00, 110.44,
110.44, 0.00) DC
6TH HIGHEST VALUE IS 31.41894 AT (379435.00, 3773710.00, 110.09,
110.09, 0.00) DC

7TH HIGHEST VALUE IS 31.00727 AT (379455.00, 3773730.00, 110.81,
110.81, 0.00) DC
8TH HIGHEST VALUE IS 24.98093 AT (379455.00, 3773720.00, 110.66,
110.66, 0.00) DC
9TH HIGHEST VALUE IS 24.90165 AT (379445.00, 3773710.00, 110.35,
110.35, 0.00) DC
10TH HIGHEST VALUE IS 22.73501 AT (379465.00, 3773730.00, 110.99,
110.99, 0.00) DC

RESIDENT 1ST HIGHEST VALUE IS 13.13453 AT (379235.63, 3773800.01,
109.83, 109.83, 0.00) DC
2ND HIGHEST VALUE IS 9.88549 AT (379234.15, 3773638.60, 107.33,
107.33, 0.00) DC
3RD HIGHEST VALUE IS 8.02318 AT (379280.00, 3773830.00, 110.28,
110.28, 0.00) DC
4TH HIGHEST VALUE IS 7.96069 AT (379290.00, 3773830.00, 110.47,
110.47, 0.00) DC
5TH HIGHEST VALUE IS 7.79810 AT (379300.00, 3773830.00, 110.66,
110.66, 0.00) DC
6TH HIGHEST VALUE IS 6.72666 AT (379280.00, 3773840.00, 110.42,
110.42, 0.00) DC
7TH HIGHEST VALUE IS 6.71586 AT (379290.00, 3773840.00, 110.69,
110.69, 0.00) DC
8TH HIGHEST VALUE IS 6.63209 AT (379300.00, 3773840.00, 110.97,
110.97, 0.00) DC
9TH HIGHEST VALUE IS 5.73587 AT (379290.00, 3773850.00, 110.92,
110.92, 0.00) DC
10TH HIGHEST VALUE IS 5.71897 AT (379280.00, 3773850.00, 110.59,
110.59, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

Sunset and Western – Health Risk Assessment AERMOD Output File

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*** MODELOPTs: RegDEFAULT 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 5 Warning Message(s)

A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

SO W320 1225 PPARM: Input Parameter May Be Out-of-Range for Parameter

VS

ME W186 3559 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold
used 0.50

ME W187 3559 MEOPEN: ADJ_U* Option for Stable Low Winds used in

AERMET

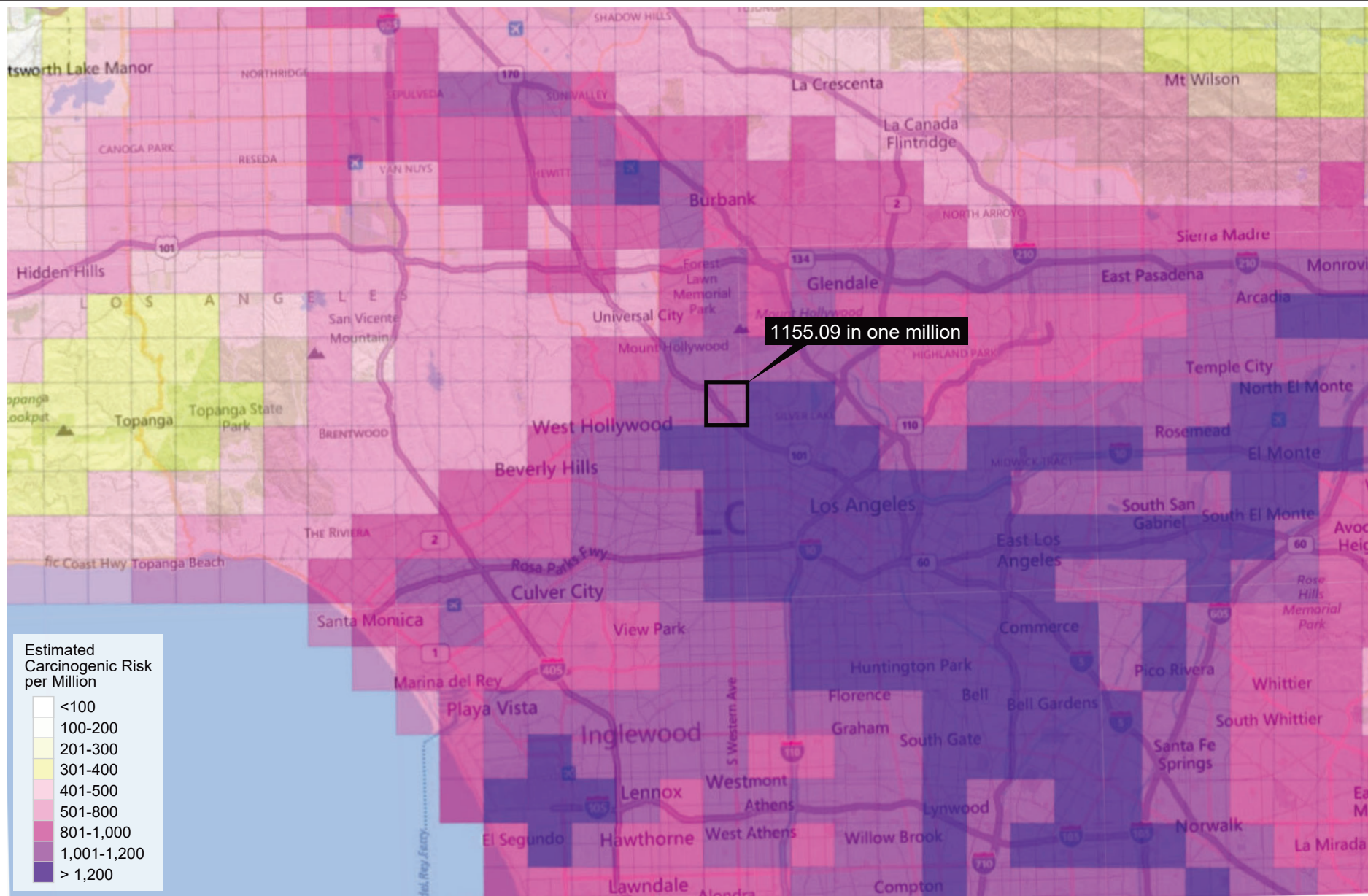
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:
14010101

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at:
2 year gap

*** AERMOD Finishes Successfully ***

Appendix D

MATES IV Cancer Risk



1155.09 in one million

Figure IV.A-3
MATES IV Total Cancer Risk for Project Area