

## REFERENCES

City of Vacaville. 2015a. *City of Vacaville General Plan*. Adopted August 11, 2015.

**APPENDIX A**  
*Health Risk Assessment*



**Health Risk Assessment Report  
for the  
Farm at Alamo Creek Specific Plan Project  
City of Vacaville, California**

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**Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project**

**TABLE OF CONTENTS**

<b><u>Section</u></b>	<b><u>Page No.</u></b>
<b>SUMMARY .....</b>	<b>III</b>
<b>1 INTRODUCTION.....</b>	<b>1</b>
1.1 Purpose.....	1
1.2 Project Description.....	1
1.3 Toxic Air Contaminants.....	2
1.4 Cancer Risk.....	3
1.5 Noncancer Health Impacts .....	4
<b>2 GUIDANCE AND THRESHOLDS.....</b>	<b>5</b>
2.1 OEHHA Guidance .....	5
2.2 YSAQMD Guidance.....	6
<b>3 EMISSION CALCULATIONS .....</b>	<b>7</b>
3.1 Methodology and Assumptions .....	7
3.2 Estimated Emissions .....	9
<b>4 MODELING METHODOLOGY .....</b>	<b>11</b>
4.1 Dispersion Model.....	11
4.2 HRA Methodology.....	12
<b>5 HRA RESULTS .....</b>	<b>15</b>
<b>6 CONCLUSIONS .....</b>	<b>16</b>
<b>7 REFERENCES.....</b>	<b>17</b>

# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

**Section** **Page No.**

## **LIST OF FIGURES**

Figure 1 Wind Rose of Meteorological Data .....13

## **LIST OF TABLES**

Table 1 YSAQMD CEQA TAC Emissions Thresholds .....6

Table 2 Estimated Construction Schedule .....8

Table 3 Summary of Maximum Cancer and Chronic Health Risks .....15

## **ATTACHMENTS**

A AERMOD Input and HARP2 Output Files

# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

## SUMMARY

The proposed Farm at Alamo Creek Specific Plan Project (proposed project) includes development of a 768-unit residential project along with 7.4 acres of Neighborhood Commercial uses, and 45 acres in parks, trails and open space on an approximately 210-acre site in the East of Leisure Town Road area within the City of Vacaville's (City) Sphere of Influence and Urban Growth Boundary. The proposed project includes a request to annex the project site into the City. The purpose of the health risk assessment (HRA) is to determine the potential cancer risk to the closest existing off-site and potential future on-site sensitive receptors (i.e., residences) from construction of the proposed project due to diesel particulate matter (DPM) emissions resulting from diesel construction equipment and diesel trucks. The nearest existing off-site residential receptors consist of single-family residences approximately 30 meters (100 feet) to the south, across Elmira Road. Since the project also includes residential development that could be occupied after the initial phase while the remaining phases of construction are on-going, it was assumed that the nearest on-site residences were located at a distance of approximately 25 meters (82 feet) from project construction activities.

Dispersion modeling was conducted using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD). The Yolo-Solano Air Quality Management District's (YSAQMD's) *Handbook for Assessing and Mitigating Air Quality Impacts* (YSAQMD 2007) and the Office of Environmental Health Hazard Assessment's (OEHHA) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments* (2015 Risk Assessment Guidelines Manual; OEHHA 2015) were used to prepare this HRA. An exposure duration of 6 years and 5 years was assumed for the off-site and on-site residences, respectively, starting in the 3<sup>rd</sup> trimester of pregnancy, which accounts for the higher sensitivity of children to toxic air contaminants (TACs).

The HRA finds that maximally exposed off-site and on-site residential receptors of the proposed project would be exposed to a cancer risk of approximately 4.74 in 1 million and 7.41 in 1 million, respectively, which are less than YSAQMD's threshold of 10 in 1 million. Also, project construction would result in chronic hazard indices at the maximally exposed off-site and on-site residential receptors of 0.0019 and 0.0032, respectively, which are less than YSAQMD's threshold of 1.0. Therefore, cancer and noncancer health risk was determined to be less than significant for project construction.



# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

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# **Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project**

## **1 INTRODUCTION**

### **1.1 Purpose**

Based on comments and concerns pertaining to construction-related health risk received during preparation of the Final Environmental Impact Report (EIR) for the proposed project, Dudek has prepared a HRA modeling analysis to estimate health risk impacts from construction of the proposed project. In regards to an operational HRA, attempting to develop a quantitative HRA based on general commercial uses with unknown tenants would be speculative. Further, because the project is a predominantly residential development, with a small portion dedicated to neighborhood-serving commercial land uses, project operation would not generate substantial TACs. With commercial development, there is the potential for DPM emissions from diesel-fueled delivery trucks; however, for neighborhood-serving retail, these sources and emissions would be minimal.

The analysis presented in this report uses air dispersion modeling methodology to evaluate potential public health risks associated with construction of the proposed project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the YSAQMD. Per CEQA Guidelines Appendix G, the HRA directly addresses question (d): Would the project expose sensitive receptors to substantial pollutant concentrations? Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. According to the California Air Resources Board (CARB), land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005).

Although the proposed project's construction activity is short-term and therefore unlikely to pose a risk of health impacts to the nearest off-site and on-site sensitive receptors (residences), in an abundance of caution, a voluntary HRA was performed.

### **1.2 Project Description**

The proposed project includes development of a 768-unit residential project along with 7.4 acres of Neighborhood Commercial uses, and 45 acres in parks, trails and open space on a 210.5-acre site (Assessor Parcel numbers: 138-010-010, 020, 030, 050, 080), which is located in northern Solano County adjacent to the southeastern portion of the City of Vacaville approximately four

## **Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project**

miles from Downtown Vacaville. The project site is located inside of the City's proposed Sphere of Influence and Urban Growth Boundary (UGB), with 61 acres located within an area designated as Urban Reserve (UR) in the City's General Plan (City of Vacaville 2015). The project includes a request to the Solano County Local Agency Formation Commission or LAFCo to annex the project site into the City including the portion of Hawkins Road immediately adjacent to the northern boundary of the project site and a 3.68 acre portion of the project site located in the southwest corner of site that is within the boundary of the specific plan area, but not included within the project's proposed tentative map.

The project site is bounded by Leisure Town Road on the west, Elmira Road on the south, Hawkins Road to the north, and the City's agricultural buffer and UGB to the east. Adjacent land uses include single-family residential development and light industrial uses directly west of the project site across Leisure Town Road; the Brighton Landing Specific Plan project currently under construction is located south of the project site across Elmira Road, with undeveloped land primarily in agricultural use to the north and east.

### **1.3 Toxic Air Contaminants**

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

California's air toxics control program began in 1983 with the passage of the Toxic Air Contaminant Identification and Control Act, Assembly Bill (AB) 1807, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner process, the CARB normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 189 federal hazardous air pollutants had been listed by the CARB as state TACs. In April 1993, the CARB added 171 substances to the state program to make the state TAC list equivalent to the federal list of hazardous air pollutants. In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established

## **Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project**

cancer risk factors and relative exposure values for long term chronic health hazard impacts. No short term, acute relative exposure values are established for DPM and are therefore not addressed in this assessment.

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

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

### **1.4 Cancer Risk**

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion and dermal) dose in units of milligrams/kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), breathing rate, and exposure period, and multiplying the dose by the inhalation cancer potency factor, expressed as (milligrams/kilogram body weight per day)<sup>-1</sup>.

Cancer risks are typically calculated for all carcinogenic TACs and added together to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the current OEHHA regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual would contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace exposures that comprise the immune system, overall health) would result in an increased susceptibility to developing cancer.

### 1.5 Noncancer Health Impacts

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

## **2 GUIDANCE AND THRESHOLDS**

### **2.1 OEHHA Guidance**

This report includes health risk assessments associated with DPM emissions from construction equipment and diesel trucks. The cancer and non-cancer risk assessments followed the methodologies prescribed in OEHHA's *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015), which replaced the previous 2003 guidance manual.

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

The cancer risk methodology described in exposure assessment and stochastic analysis TSD and the OEHHA guidance manual accounts for the higher sensitivity of infants and children by applying age-specific breathing rates and age-sensitivity factors. According to the TSD, "Accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral and physiological differences between infants and children, and adults" (OEHHA 2012). As compared to the previous guidance, which relied on a single breathing rate for all ages, the revised guidance also includes age-specific breathing rates that reflect the differences between those for infants, children, and adults. The health risk assessments in this report use the Hotspots Analysis and Reporting Program, Version 2 (HARP2), which incorporates RELs and cancer potency factors, which are periodically updated, and health risk calculations based on the 2015 Risk Assessment Guidelines Manual. Accordingly, these risk assessments evaluate and reflect conservative, health-protective methodologies to assess health impacts to adults as well as infants, children, and other sensitive subpopulations.

# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

## 2.2 YSAQMD Guidance

The *Handbook for Assessing and Mitigating Air Quality Impacts* (YSAQMD 2007) provides cancer and noncancer thresholds to assess health risk significance. Although the YSAQMD guidance is specifically targeted towards health risk from air toxic emissions from stationary source operations, the thresholds have been applied to this construction HRA as well. The YSAQMD's current health risk thresholds are presented in Table 1.

**Table 1**  
**YSAQMD CEQA TAC Emissions Thresholds**

Carcinogens	Non-Carcinogens
	<i>Chronic</i>
Maximally exposed individual risk equals or exceeds 10 in 1 million	Hazard Index equals or exceeds 1 for the maximally exposed individual

Source: YSAQMD 2007.

Notes: CEQA = California Environmental Quality Act; YSAQMD = Yolo-Solano Air Quality Management District

## **3 EMISSION CALCULATIONS**

### **3.1 Methodology and Assumptions**

Construction of the proposed project would result in the temporary addition of pollutants into the local airshed caused by on-site sources (i.e., off-road construction equipment) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). As described in the Draft EIR for the proposed project, short-term construction-related emissions were estimated using the California Emissions Estimator Model (CalEEMod) software (version 2016.3.2), a statewide model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify air quality emissions from a variety of development projects. The model applies inherent default values for various land uses, including trip generation rates based on the Institute of Transportation Engineers Trip Generation Manual, vehicle mix, trip length, average speed, etc. However, where project-specific data was available, such data were input into the model (e.g., construction phases, timing, equipment, and estimated daily project trips).

For the purposes of modeling construction, it was generally assumed that heavy construction equipment would be operating at the site for approximately 8 hours per day, 5 days per week (22 days per month), during project construction. The equipment fleet is based on CalEEMod default assumptions for specific pieces of equipment to be utilized during each construction subphase, except for the inclusion of a trencher for grading phases which would account for utility work. Default construction worker, vendor trips, haul truck trips, and trip lengths as provided in CalEEMod were utilized. Based on information provided by the project applicant all soil during grading activities would be balanced on-site and no soil import or export would be required. Specific CalEEMod assumptions for each model scenario, including quantity of equipment, are provided in Appendix C of the Draft EIR for the proposed project.

Based on information provided by the project applicant, construction of the proposed project would occur in 8 phases over a period of six-years, from approximately April 2018 through December 2023. While CalEEMod assumes that construction subphases (i.e., grading, building construction, paving, and architectural coatings) do not overlap, the project applicant has provided an estimated construction schedule. The analysis contained herein is based on the following schedule assumptions provided in Table 2.



# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

**Table 2  
Estimated Construction Schedule**

Activity	Start Date	End Date	Total Construction Days
<i>Phase 1</i>			
Building Construction	2018/04/01	2019/06/30	325
Grading/Trenching	2018/07/01	2018/10/31	88
Paving	2018/11/01	2019/06/30	172
Architectural Coatings	2019/04/01	2019/12/30	196
<i>Play-4-All Park</i>			
Grading	2018/07/01	2018/12/31	131
Building Construction	2018/07/01	2018/10/31	88
Architectural Coatings	2018/08/01	2018/10/31	66
Paving	2018/08/31	2018/10/31	44
<i>Phase 2</i>			
Grading/Trenching	2019/07/01	2019/10/31	89
Paving	2019/11/01	2020/06/30	174
Building Construction	2020/04/01	2020/12/30	196
Architectural Coatings	2020/04/01	2020/12/30	196
<i>Off-Site Improvements</i>			
Demolition	2019/07/01	2019/07/26	20
Grading	2019/07/27	2019/09/30	46
<i>Phase 3</i>			
Grading/Trenching	2020/07/01	2020/10/31	88
Paving	2020/11/01	2021/06/30	173
Building Construction	2021/04/01	2021/12/30	196
Architectural Coatings	2021/04/01	2021/12/30	196
<i>Phase 4</i>			
Grading/Trenching	2021/07/01	2021/10/31	87
Paving	2021/11/01	2022/06/30	174
Building Construction	2022/04/01	2022/12/30	196
Architectural Coatings	2022/04/01	2022/12/30	196
<i>Community Park</i>			
Grading	2021/07/01	2021/10/31	87
Building Construction	2021/08/01	2021/10/31	65
Paving	2021/08/01	2021/10/31	65
Architectural Coatings	2021/08/01	2021/10/31	65
<i>Phase 5</i>			
Grading/Trenching	2022/07/01	2022/10/31	87
Paving	2022/11/01	2023/06/30	174
Building Construction	2023/04/01	2023/12/30	195

# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

**Table 2**  
**Estimated Construction Schedule**

Activity	Start Date	End Date	Total Construction Days
Architectural Coatings	2023/04/01	2023/12/30	195

Source: See Appendix C of the DEIR for detailed results.

## 3.2 Estimated Emissions

Construction of the proposed project would generate air pollutant emissions from entrained dust, off-road equipment, and vehicle emissions. For the HRA, we are concerned with DPM emitted from onsite construction equipment and diesel vehicle exhaust. Notably, as a conservative assumption, all on-road diesel truck exhaust emissions for the full trip length were accounted for in this HRA, even though trucks would only result in brief DPM exposure from truck pass-by trips at any individual receptor. As a standard practice, PM<sub>10</sub> exhaust emissions (as calculated using CalEEMod in the Draft EIR) were used as a surrogate for DPM. The total of 1.79 tons of PM<sub>10</sub> emissions from onsite construction equipment and on-road diesel truck sources over the construction period were converted to pounds per year, which equates to 627.86 pounds per year (lb/year). To develop a conservative assumption regarding DPM exposure, it was assumed that an area of 10 acres on the southern edge of the project site (nearest to off-site receptors) would be disturbed with equipment operating on different areas of the site throughout a 6-year (off-site) or 5-year (on-site) period. This is considered conservative as emission sources during construction would not remain in one location for an extended period of time, and equipment and trucks would continually move further away from receptors as construction is completed in any one specific area.

It should also be noted that at the time the first on-site residential units are occupied following completion of Phase 1, the majority of on-site construction emission exposure would primarily be generated from equipment associated with vertical (building) construction, as opposed to extensive, wide-spread grading activities. Vertical construction would likely take place within a smaller geographic space on site. As a result, on-site effects of DPM exposure are likely overstated because the typical on-site receptor would not be continually exposed to construction activity over a 10-acre space for 5 years, as evaluated in this analysis. However, to conservatively analyze impacts to potential on-site receptors, a receptor grid was placed immediately surrounding the 10-acre construction area and the maximally exposed individual was identified. Average annual emissions of construction-related exhaust using PM<sub>10</sub> were calculated and then converted to grams per second for use in the AERMOD model.

An emission rate of  $1.91 \times 10^{-3}$  grams per second (g/s) was calculated as follows and applied as the total emissions from volume sources:

## Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

627.86 lb/year exhaust PM<sub>10</sub> during construction

$$627.86 \text{ lb/year} \times 10 \text{ acres}/198 \text{ acres} \times 453.6 \text{ g/lb} \div (8 \text{ hrs/day} \times 262 \text{ days per year}) \div 3,600 \text{ seconds/hour} = 1.91 \times 10^{-3} \text{ g/second}$$

Notably, the 198-acres in the equation above represents the potential area to be disturbed, based on the total project site area minus the open space acreage.

## 4 MODELING METHODOLOGY

### 4.1 Dispersion Model

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

Dispersion modeling was performed for the HRA using AERMOD version 18081. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, building downwash, and both simple and complex terrain. Principal parameters of AERMOD for the proposed project construction include the following:

- **Meteorological Data:** The latest 5-year meteorological data (2009–2014) for the Nut Tree Airport station, which is the closest station to the project site, were provided by the CARB and then input to AERMOD. For cancer or chronic noncancer risk assessments, the average cancer risk of all years modeled was used. Figure 1 depicts the wind rose for this station.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. However, based on the project location in a less developed area of the City, the rural dispersion option was selected.
- **Terrain Characteristics:** The terrain in the vicinity of the modeled project site is generally flat. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated, as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used for the project site.
- **Discrete Receptors:** A uniform Cartesian grid with 25-meter spacing was placed over the neighborhood directly south of the project site, across Elmira Road, and converted into discrete receptors to represent off-site residential receptors. A similar grid was placed to the north, east, and west of the construction volume sources, to represent on-site residences.

## Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

- **Source Equipment Operating Scenarios:** Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate up to 8 hours per day, 5 days per week.
- **Source Release Characterizations:** The emissions from heavy-duty equipment and trucks are represented by multiple 20 meter by 20 meter volume sources. A release height of 5 meters was provided to represent the midrange of the expected plume rise from frequently used construction equipment during daytime atmospheric conditions. An initial vertical dimension of 1.4 meters was applied.

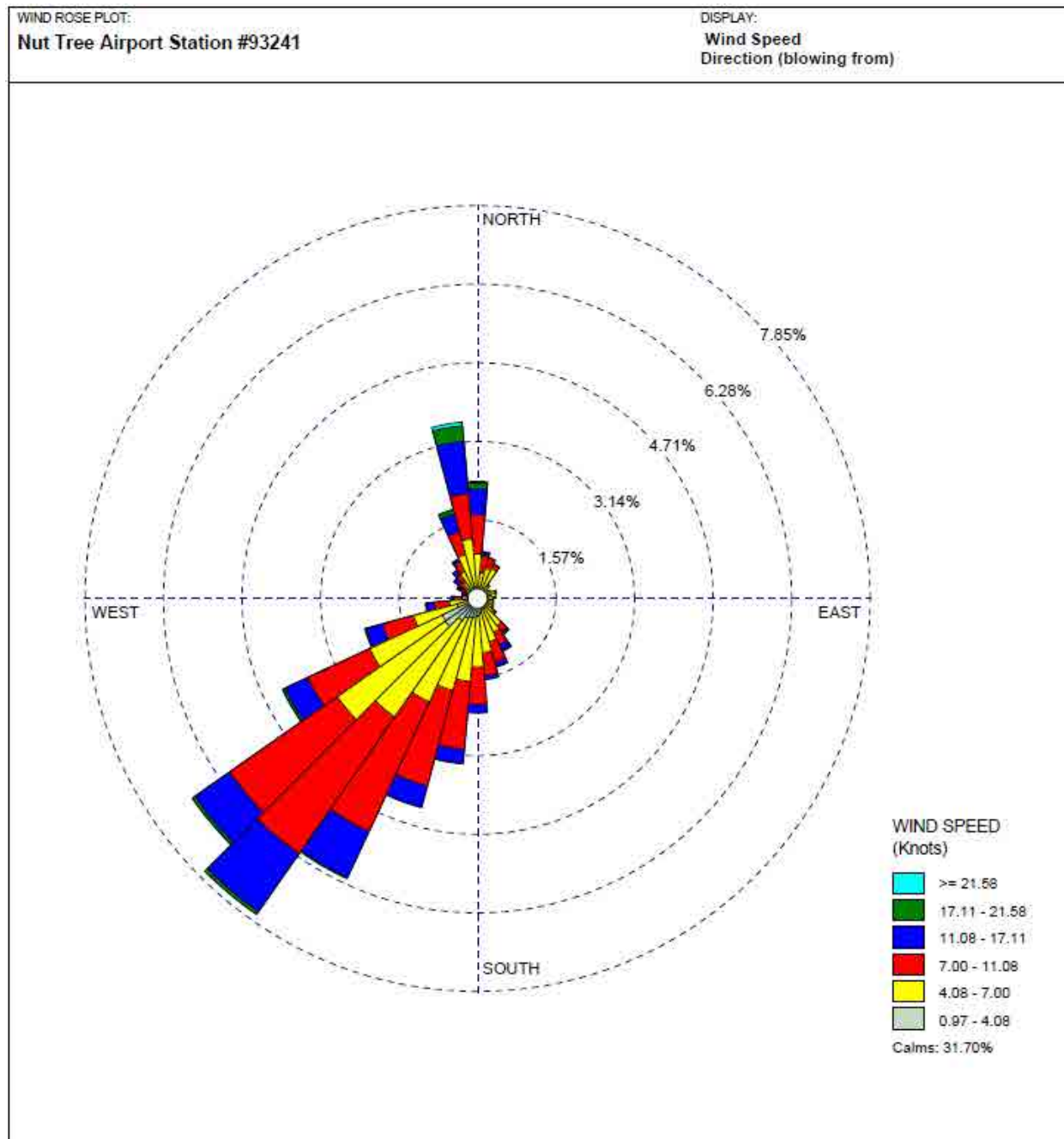
### 4.2 HRA Methodology

In March 2015, the OEHHA approved the new *Air Toxics Hot Spots Program Risk Guidance Manual for Preparation of Health Risk Assessments*. The YSAQMD requires that all HRAs prepared for CEQA documents follow the OEHHA guidance document. For risk assessment purposes as discussed above, PM<sub>10</sub> exhaust is used as a surrogate for DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on road vehicle exhaust (e.g., heavy-duty diesel trucks). These emissions could result in elevated concentrations of DPM at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. Consequently, an HRA was performed to determine the extent of increased cancer risks and hazard indices at the maximally exposed receptors. The dispersion of DPM was modeled using the AERMOD dispersion model based on the assumptions described above in Section 4.1, and the resultant health impacts were calculated using the CARB HARP2. For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives, starting in the 3<sup>rd</sup> trimester of pregnancy. This is consistent with the OEHHA 2015 Risk Assessment Guidelines Manual. For the residential health risk, the HRA assumes exposure occur 8 hours per day, 5 days per week, for either a 6-year (off-site) or 5-year (on-site) period.

The nearest existing off-site residential receptors consist of single-family residences approximately 30 meters (100 feet) to the south, across Elmira Road. Since the project also includes residential development that could be occupied after the initial phase while the remaining phases of construction are on-going, it was assumed that the nearest on-site residences were located at a distance of approximately 25 meters (82 feet) from project construction activities. Additionally, frequency at home (FAH) default factors were applied only to age groups greater than or equal to 16-years old. For children less than 16 years old, a FAH of 100 percent was conservatively assumed, which estimates risk with the assumption that young children are exposed to comparable air pollutant concentrations if they attend school close to home.

# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

**Figure 1**  
**Wind Rose of Meteorological Data**



Source: Lakes Environmental 2018

**Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project**

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# Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project

## 5 HRA RESULTS

The cancer risk calculations were performed by multiplying the AERMOD-predicted DPM concentrations in  $\mu\text{g}/\text{m}^3$  due to DPM emissions from trucks and construction equipment by the appropriate risk values. The potential exposure pathway for DPM includes inhalation only. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways (CARB 1998).

Table 3 shows the maximum cancer and chronic health risks at the maximally exposed off-site and on-site residential receptors from project construction. AERMOD and HARP2 outputs are contained in Appendix A.

**Table 3**  
**Summary of Maximum Cancer and Chronic Health Risks**

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
<i>Off-Site Maximally Exposed Individual Resident</i>					
Construction HRA	Cancer Risk	Per Million	4.74	10	Less than Significant
	Chronic Hazard Index	Index Value	0.0019	1.0	Less than Significant
<i>On-Site Maximally Exposed Individual Resident</i>					
Construction HRA	Cancer Risk	Per Million	7.41	10	Less than Significant
	Chronic Hazard Index	Index Value	0.0032	1.0	Less than Significant

Source: See Appendix A for complete results.

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

The results of the construction analysis demonstrate that the on-road and off-road construction equipment (mobile sources) exhibit maximum individual cancer risks at off-site and on-site residential receptors below the 10 in a million threshold and chronic hazard indices less than 1.0. Therefore, with respect to CEQA Appendix G, Air Quality question (d), TAC emissions from construction of the proposed project would not expose sensitive receptors to substantial pollutant concentrations.



### **6 CONCLUSIONS**

Based on this analysis, the closest sensitive receptors to the proposed project would not be exposed to TACs at levels above significance thresholds established by the YSAQMD. The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the proposed project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by the OEHHA tend to over predict impacts, such that they produce conservative (i.e., health-protective) results. Accordingly, the health impacts are not expected to be higher than those estimated in this assessment.

## **Health Risk Assessment for the Farm at Alamo Creek Specific Plan Project**

### **7 REFERENCES**

- 13 CCR 2025. Regulation to Reduce Emissions of Diesel Particulate Matter, Oxides of Nitrogen and Other Criteria Pollutants, from In-Use Heavy-Duty Diesel-Fueled Vehicles.
- 13 CCR 2449–2449.3 and Appendix A. General Requirements for In-Use Off-Road Diesel-Fueled Fleets. 14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.
- CARB (California Air Resources Board). 1998. Report to the Air Resources Board on the Proposed Identification of Diesel Exhaust as a Toxic Air Contaminant, Part A Exposure Assessment (as approved by the Scientific Review Panel). April 1998.
- CARB. 2005. Air Quality and Land Use Handbook: A Community Health Perspective. April 2005. Accessed October 2017. <http://www.arb.ca.gov/ch/landuse.htm>.
- Lakes Environmental. 2018. AERMOD View, Version 9.6.0.
- OEHHA (California Office of Environmental Health Hazard Assessment). 2008. Air Toxics Hot Spots Risk Assessment Guidelines – Technical Support Document for the Derivation of Noncancer Reference Exposure Levels. Accessed August 2017. [http://www.oehha.ca.gov/air/hot\\_spots/2008/NoncancerTSD\\_final.pdf](http://www.oehha.ca.gov/air/hot_spots/2008/NoncancerTSD_final.pdf).
- OEHHA. 2009. Technical Support Document for Cancer Potency Factors: Methodologies for Derivation, Listing of Available Values, and Adjustments to Allow for Early Life Stage Exposures. Accessed August 2017. [http://www.oehha.ca.gov/air/hot\\_spots/2009/TSDCancerPotency.pdf](http://www.oehha.ca.gov/air/hot_spots/2009/TSDCancerPotency.pdf).
- OEHHA. 2012. Air Toxics Hot Spots Program Risk Assessment Guidelines – Technical Support Document Exposure Assessment and Stochastic Analysis. Accessed August 2017. [http://www.oehha.ca.gov/air/hot\\_spots/pdf/2012tsd/TSDportfolio2012.pdf](http://www.oehha.ca.gov/air/hot_spots/pdf/2012tsd/TSDportfolio2012.pdf).
- OEHHA. 2015. Air Toxics Hot Spots Program, Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments. Accessed August 2017. [http://oehha.ca.gov/air/hot\\_spots/2015/2015GuidanceManual.pdf](http://oehha.ca.gov/air/hot_spots/2015/2015GuidanceManual.pdf).
- YSAQMD (Yolo-Solano Air Quality Management District). 2007. Handbook for Assessing and Mitigating Air Quality Impacts. Adopted July 11, 2007.

APPENDIX A  
*AERMOD Input and HARP2 Output Files*

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.0
** Lakes Environmental Software Inc.
** Date: 6/2/2018
** File: C:\Lakes\AERMOD View\FarmAtAlamov2\FarmAtAlamov2.ADI
**
*****
**
**
*****

```

```

** AERMOD Control Pathway
*****
**
**

```

```

CO STARTING
TITLEONE C:\Lakes\AERMOD View\FarmAtAlamov2\FarmAtAlamov2.isc
TITLETWO Farm at Alamo Creek Construction
MODELOPT DFAULT CONC
AVERTIME 1 PERIOD
POLLUTID PM_10
RUNORNOT RUN
ERRORFIL FarmAtAlamov2.err

```

```

CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**

```

```

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **

```

Source ID	Type	X Coord.	Y Coord.	
LOCATION VOL1	VOLUME	593750.683	4245360.689	26.690
LOCATION VOL2	VOLUME	593770.683	4245360.689	26.690
LOCATION VOL3	VOLUME	593790.683	4245360.689	26.690
LOCATION VOL4	VOLUME	593810.683	4245360.689	26.690
LOCATION VOL5	VOLUME	593830.683	4245360.689	26.650
LOCATION VOL6	VOLUME	593850.683	4245360.689	26.590
LOCATION VOL7	VOLUME	593870.683	4245360.689	26.600
LOCATION VOL8	VOLUME	593890.683	4245360.689	26.590
LOCATION VOL9	VOLUME	593910.683	4245360.689	26.400
LOCATION VOL10	VOLUME	593930.683	4245360.689	26.070
LOCATION VOL11	VOLUME	593750.683	4245380.689	26.530
LOCATION VOL12	VOLUME	593770.683	4245380.689	26.530
LOCATION VOL13	VOLUME	593790.683	4245380.689	26.530
LOCATION VOL14	VOLUME	593810.683	4245380.689	26.530
LOCATION VOL15	VOLUME	593830.683	4245380.689	26.510
LOCATION VOL16	VOLUME	593850.683	4245380.689	26.470
LOCATION VOL17	VOLUME	593870.683	4245380.689	26.430
LOCATION VOL18	VOLUME	593890.683	4245380.689	26.420
LOCATION VOL19	VOLUME	593910.683	4245380.689	26.260
LOCATION VOL20	VOLUME	593930.683	4245380.689	25.990
LOCATION VOL21	VOLUME	593750.683	4245400.689	26.330
LOCATION VOL22	VOLUME	593770.683	4245400.689	26.330
LOCATION VOL23	VOLUME	593790.683	4245400.689	26.330
LOCATION VOL24	VOLUME	593810.683	4245400.689	26.330
LOCATION VOL25	VOLUME	593830.683	4245400.689	26.330
LOCATION VOL26	VOLUME	593850.683	4245400.689	26.310
LOCATION VOL27	VOLUME	593870.683	4245400.689	26.240

LOCATION VOL28	VOLUME	593890.683	4245400.689	26.230
LOCATION VOL29	VOLUME	593910.683	4245400.689	26.100
LOCATION VOL30	VOLUME	593930.683	4245400.689	25.910
LOCATION VOL31	VOLUME	593750.683	4245420.689	26.130
LOCATION VOL32	VOLUME	593770.683	4245420.689	26.130
LOCATION VOL33	VOLUME	593790.683	4245420.689	26.130
LOCATION VOL34	VOLUME	593810.683	4245420.689	26.130
LOCATION VOL35	VOLUME	593830.683	4245420.689	26.130
LOCATION VOL36	VOLUME	593850.683	4245420.689	26.130
LOCATION VOL37	VOLUME	593870.683	4245420.689	26.110
LOCATION VOL38	VOLUME	593890.683	4245420.689	26.040
LOCATION VOL39	VOLUME	593910.683	4245420.689	25.930
LOCATION VOL40	VOLUME	593930.683	4245420.689	25.750
LOCATION VOL41	VOLUME	593750.683	4245440.689	25.980
LOCATION VOL42	VOLUME	593770.683	4245440.689	25.980
LOCATION VOL43	VOLUME	593790.683	4245440.689	25.980
LOCATION VOL44	VOLUME	593810.683	4245440.689	25.950
LOCATION VOL45	VOLUME	593830.683	4245440.689	25.930
LOCATION VOL46	VOLUME	593850.683	4245440.689	25.930
LOCATION VOL47	VOLUME	593870.683	4245440.689	25.930
LOCATION VOL48	VOLUME	593890.683	4245440.689	25.880
LOCATION VOL49	VOLUME	593910.683	4245440.689	25.790
LOCATION VOL50	VOLUME	593930.683	4245440.689	25.670
LOCATION VOL51	VOLUME	593750.683	4245460.689	25.830
LOCATION VOL52	VOLUME	593770.683	4245460.689	25.830
LOCATION VOL53	VOLUME	593790.683	4245460.689	25.830
LOCATION VOL54	VOLUME	593810.683	4245460.689	25.780
LOCATION VOL55	VOLUME	593830.683	4245460.689	25.740
LOCATION VOL56	VOLUME	593850.683	4245460.689	25.730
LOCATION VOL57	VOLUME	593870.683	4245460.689	25.730
LOCATION VOL58	VOLUME	593890.683	4245460.689	25.730
LOCATION VOL59	VOLUME	593910.683	4245460.689	25.680
LOCATION VOL60	VOLUME	593930.683	4245460.689	25.610
LOCATION VOL61	VOLUME	593750.683	4245480.689	25.630
LOCATION VOL62	VOLUME	593770.683	4245480.689	25.630
LOCATION VOL63	VOLUME	593790.683	4245480.689	25.630
LOCATION VOL64	VOLUME	593810.683	4245480.689	25.610
LOCATION VOL65	VOLUME	593830.683	4245480.689	25.600
LOCATION VOL66	VOLUME	593850.683	4245480.689	25.580
LOCATION VOL67	VOLUME	593870.683	4245480.689	25.530
LOCATION VOL68	VOLUME	593890.683	4245480.689	25.530
LOCATION VOL69	VOLUME	593910.683	4245480.689	25.510
LOCATION VOL70	VOLUME	593930.683	4245480.689	25.490
LOCATION VOL71	VOLUME	593750.683	4245500.689	25.430
LOCATION VOL72	VOLUME	593770.683	4245500.689	25.430
LOCATION VOL73	VOLUME	593790.683	4245500.689	25.430
LOCATION VOL74	VOLUME	593810.683	4245500.689	25.430
LOCATION VOL75	VOLUME	593830.683	4245500.689	25.430
LOCATION VOL76	VOLUME	593850.683	4245500.689	25.410
LOCATION VOL77	VOLUME	593870.683	4245500.689	25.370
LOCATION VOL78	VOLUME	593890.683	4245500.689	25.340
LOCATION VOL79	VOLUME	593910.683	4245500.689	25.340
LOCATION VOL80	VOLUME	593930.683	4245500.689	25.360
LOCATION VOL81	VOLUME	593750.683	4245520.689	25.250
LOCATION VOL82	VOLUME	593770.683	4245520.689	25.240
LOCATION VOL83	VOLUME	593790.683	4245520.689	25.240
LOCATION VOL84	VOLUME	593810.683	4245520.689	25.240
LOCATION VOL85	VOLUME	593830.683	4245520.689	25.240
LOCATION VOL86	VOLUME	593850.683	4245520.689	25.240
LOCATION VOL87	VOLUME	593870.683	4245520.689	25.230
LOCATION VOL88	VOLUME	593890.683	4245520.689	25.180
LOCATION VOL89	VOLUME	593910.683	4245520.689	25.180
LOCATION VOL90	VOLUME	593930.683	4245520.689	25.220

LOCATION VOL91	VOLUME	593750.683	4245540.689	25.210
LOCATION VOL92	VOLUME	593770.683	4245540.689	25.190
LOCATION VOL93	VOLUME	593790.683	4245540.689	25.190
LOCATION VOL94	VOLUME	593810.683	4245540.689	25.190
LOCATION VOL95	VOLUME	593830.683	4245540.689	25.200
LOCATION VOL96	VOLUME	593850.683	4245540.689	25.190
LOCATION VOL97	VOLUME	593870.683	4245540.689	25.170
LOCATION VOL98	VOLUME	593890.683	4245540.689	25.180
LOCATION VOL99	VOLUME	593910.683	4245540.689	25.180
LOCATION VOL100	VOLUME	593930.683	4245540.689	25.190

\*\* Source Parameters \*\*

SRCPARAM VOL1	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL29	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL33	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL55	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL57	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL60	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL61	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL67	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL68	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL70	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL75	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL76	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL77	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL78	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL79	0.0000190624	5.000	4.651	1.400
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SRCPARAM VOL81	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL82	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL83	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL84	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL85	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL86	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL87	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL88	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL89	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL90	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL91	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL92	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL93	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL94	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL95	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL96	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL97	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL98	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL99	0.0000190624	5.000	4.651	1.400
SRCPARAM VOL100	0.0000190624	5.000	4.651	1.400

\*\* Variable Emissions Type: "By Season / Hour / Day (SHRDOW)"

\*\* Variable Emission Scenario: "Scenario 1"

\*\* WeekDays:

\*\* Winter

EMISFACT VOL1	SHRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	SHRDOW	0.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	SHRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL1	SHRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* Spring

EMISFACT VOL1	SHRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	SHRDOW	0.0	1.0	1.0	1.0	1.0	0.0
EMISFACT VOL1	SHRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT VOL1	SHRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* Summer

































































































































































































































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EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 1.0 1.0 1.0 1.0 0.0
EMISFACT VOL100      SHRDOWN 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 1.0 1.0 1.0 1.0 0.0
EMISFACT VOL100      SHRDOWN 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Winter
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Spring
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Summer
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
** Winter
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Spring
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Summer
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL100      SHRDOWN 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED FarmAtAlamov2.rou
RE FINISHED
**

```

```
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "Nut Tree Met Data\724828\724828.SFC"
PROFFILE "Nut Tree Met Data\724828\724828.PFL"
SURFDATA 93241 2009
UAIRDATA 23230 2009 OAKLAND/WSO_AP
PROFBASE 33.2 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST FARMATALAMOV2.AD\01H1GALL.PLT 31
PLOTFILE PERIOD ALL FARMATALAMOV2.AD\PE00GALL.PLT 32
SUMMFILE FarmAtAlamov2.sum
OU FINISHED

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 1

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----  
-----

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions  
TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: PM<sub>10</sub>

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

\*\*This Run Includes: 100 Source(s); 1 Source Group(s); and 916  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 100 VOLUME source(s)  
and: 0 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor  
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE  
Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 33.20 ; Decay Coef.  
= 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.9 MB of RAM.

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

\*\*Detailed Error/Message File: FarmAtAlamov2.err  
\*\*File for Summary of Results: FarmAtAlamov2.sum

\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc    \*\*\*    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*    15:15:20

PAGE 2

\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    RURAL

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE		BASE	RELEASE	INIT.	
SOURCE		EMISSION RATE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR VARY				(METERS)	(METERS)	(METERS)
ID		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						
VOL1		0	0.19062E-04	593750.7	4245360.7	26.7	5.00	4.65
1.40	NO	SHRDOW						
VOL2		0	0.19062E-04	593770.7	4245360.7	26.7	5.00	4.65
1.40	NO	SHRDOW						
VOL3		0	0.19062E-04	593790.7	4245360.7	26.7	5.00	4.65
1.40	NO	SHRDOW						
VOL4		0	0.19062E-04	593810.7	4245360.7	26.7	5.00	4.65
1.40	NO	SHRDOW						
VOL5		0	0.19062E-04	593830.7	4245360.7	26.7	5.00	4.65
1.40	NO	SHRDOW						
VOL6		0	0.19062E-04	593850.7	4245360.7	26.6	5.00	4.65
1.40	NO	SHRDOW						
VOL7		0	0.19062E-04	593870.7	4245360.7	26.6	5.00	4.65
1.40	NO	SHRDOW						
VOL8		0	0.19062E-04	593890.7	4245360.7	26.6	5.00	4.65
1.40	NO	SHRDOW						
VOL9		0	0.19062E-04	593910.7	4245360.7	26.4	5.00	4.65
1.40	NO	SHRDOW						
VOL10		0	0.19062E-04	593930.7	4245360.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL11		0	0.19062E-04	593750.7	4245380.7	26.5	5.00	4.65
1.40	NO	SHRDOW						
VOL12		0	0.19062E-04	593770.7	4245380.7	26.5	5.00	4.65
1.40	NO	SHRDOW						
VOL13		0	0.19062E-04	593790.7	4245380.7	26.5	5.00	4.65
1.40	NO	SHRDOW						
VOL14		0	0.19062E-04	593810.7	4245380.7	26.5	5.00	4.65
1.40	NO	SHRDOW						
VOL15		0	0.19062E-04	593830.7	4245380.7	26.5	5.00	4.65
1.40	NO	SHRDOW						
VOL16		0	0.19062E-04	593850.7	4245380.7	26.5	5.00	4.65
1.40	NO	SHRDOW						
VOL17		0	0.19062E-04	593870.7	4245380.7	26.4	5.00	4.65
1.40	NO	SHRDOW						
VOL18		0	0.19062E-04	593890.7	4245380.7	26.4	5.00	4.65
1.40	NO	SHRDOW						
VOL19		0	0.19062E-04	593910.7	4245380.7	26.3	5.00	4.65
1.40	NO	SHRDOW						
VOL20		0	0.19062E-04	593930.7	4245380.7	26.0	5.00	4.65
1.40	NO	SHRDOW						
VOL21		0	0.19062E-04	593750.7	4245400.7	26.3	5.00	4.65
1.40	NO	SHRDOW						

VOL22		0	0.19062E-04	593770.7	4245400.7	26.3	5.00	4.65
1.40	NO	SHRDOW						
VOL23		0	0.19062E-04	593790.7	4245400.7	26.3	5.00	4.65
1.40	NO	SHRDOW						
VOL24		0	0.19062E-04	593810.7	4245400.7	26.3	5.00	4.65
1.40	NO	SHRDOW						
VOL25		0	0.19062E-04	593830.7	4245400.7	26.3	5.00	4.65
1.40	NO	SHRDOW						
VOL26		0	0.19062E-04	593850.7	4245400.7	26.3	5.00	4.65
1.40	NO	SHRDOW						
VOL27		0	0.19062E-04	593870.7	4245400.7	26.2	5.00	4.65
1.40	NO	SHRDOW						
VOL28		0	0.19062E-04	593890.7	4245400.7	26.2	5.00	4.65
1.40	NO	SHRDOW						
VOL29		0	0.19062E-04	593910.7	4245400.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL30		0	0.19062E-04	593930.7	4245400.7	25.9	5.00	4.65
1.40	NO	SHRDOW						
VOL31		0	0.19062E-04	593750.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL32		0	0.19062E-04	593770.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL33		0	0.19062E-04	593790.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL34		0	0.19062E-04	593810.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL35		0	0.19062E-04	593830.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL36		0	0.19062E-04	593850.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL37		0	0.19062E-04	593870.7	4245420.7	26.1	5.00	4.65
1.40	NO	SHRDOW						
VOL38		0	0.19062E-04	593890.7	4245420.7	26.0	5.00	4.65
1.40	NO	SHRDOW						
VOL39		0	0.19062E-04	593910.7	4245420.7	25.9	5.00	4.65
1.40	NO	SHRDOW						
VOL40		0	0.19062E-04	593930.7	4245420.7	25.8	5.00	4.65
1.40	NO	SHRDOW						



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
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*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
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PAGE 3
*** MODELOPTs:   RegDFault  CONC  ELEV  RURAL

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\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER EMISSION RATE	EMISSION RATE	BASE	RELEASE	INIT.
SZ	SOURCE	EMISSION RATE	PART. (GRAMS/SEC)	X	Y	SY
ID	SOURCE	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)
(METERS)		BY				
VOL41		0	0.19062E-04	593750.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL42		0	0.19062E-04	593770.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL43		0	0.19062E-04	593790.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL44		0	0.19062E-04	593810.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL45		0	0.19062E-04	593830.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL46		0	0.19062E-04	593850.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL47		0	0.19062E-04	593870.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL48		0	0.19062E-04	593890.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL49		0	0.19062E-04	593910.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL50		0	0.19062E-04	593930.7	4245440.7	4.65
1.40	NO	SHRDOW				
VOL51		0	0.19062E-04	593750.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL52		0	0.19062E-04	593770.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL53		0	0.19062E-04	593790.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL54		0	0.19062E-04	593810.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL55		0	0.19062E-04	593830.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL56		0	0.19062E-04	593850.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL57		0	0.19062E-04	593870.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL58		0	0.19062E-04	593890.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL59		0	0.19062E-04	593910.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL60		0	0.19062E-04	593930.7	4245460.7	4.65
1.40	NO	SHRDOW				
VOL61		0	0.19062E-04	593750.7	4245480.7	4.65
1.40	NO	SHRDOW				

VOL62		0	0.19062E-04	593770.7	4245480.7	25.6	5.00	4.65
1.40	NO	SHRDOW						
VOL63		0	0.19062E-04	593790.7	4245480.7	25.6	5.00	4.65
1.40	NO	SHRDOW						
VOL64		0	0.19062E-04	593810.7	4245480.7	25.6	5.00	4.65
1.40	NO	SHRDOW						
VOL65		0	0.19062E-04	593830.7	4245480.7	25.6	5.00	4.65
1.40	NO	SHRDOW						
VOL66		0	0.19062E-04	593850.7	4245480.7	25.6	5.00	4.65
1.40	NO	SHRDOW						
VOL67		0	0.19062E-04	593870.7	4245480.7	25.5	5.00	4.65
1.40	NO	SHRDOW						
VOL68		0	0.19062E-04	593890.7	4245480.7	25.5	5.00	4.65
1.40	NO	SHRDOW						
VOL69		0	0.19062E-04	593910.7	4245480.7	25.5	5.00	4.65
1.40	NO	SHRDOW						
VOL70		0	0.19062E-04	593930.7	4245480.7	25.5	5.00	4.65
1.40	NO	SHRDOW						
VOL71		0	0.19062E-04	593750.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL72		0	0.19062E-04	593770.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL73		0	0.19062E-04	593790.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL74		0	0.19062E-04	593810.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL75		0	0.19062E-04	593830.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL76		0	0.19062E-04	593850.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL77		0	0.19062E-04	593870.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						
VOL78		0	0.19062E-04	593890.7	4245500.7	25.3	5.00	4.65
1.40	NO	SHRDOW						
VOL79		0	0.19062E-04	593910.7	4245500.7	25.3	5.00	4.65
1.40	NO	SHRDOW						
VOL80		0	0.19062E-04	593930.7	4245500.7	25.4	5.00	4.65
1.40	NO	SHRDOW						

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PAGE 4

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL

\*\*\* VOLUME SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	
SOURCE	EMISSION	RATE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY
SZ	SOURCE	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY							
(METERS)									
VOL81		0	0.19062E-04	593750.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL82		0	0.19062E-04	593770.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL83		0	0.19062E-04	593790.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL84		0	0.19062E-04	593810.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL85		0	0.19062E-04	593830.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL86		0	0.19062E-04	593850.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL87		0	0.19062E-04	593870.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL88		0	0.19062E-04	593890.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL89		0	0.19062E-04	593910.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL90		0	0.19062E-04	593930.7	4245520.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL91		0	0.19062E-04	593750.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL92		0	0.19062E-04	593770.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL93		0	0.19062E-04	593790.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL94		0	0.19062E-04	593810.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL95		0	0.19062E-04	593830.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL96		0	0.19062E-04	593850.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL97		0	0.19062E-04	593870.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL98		0	0.19062E-04	593890.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL99		0	0.19062E-04	593910.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							
VOL100		0	0.19062E-04	593930.7	4245540.7	25.2	5.00	4.65	
1.40	NO	SHRDOW							

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
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PAGE 5
*** MODELOPTs:   RegDFAULT  CONC  ELEV  RURAL

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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID -----	SOURCE IDs -----					
ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	,
VOL6	, VOL7	, VOL8	,			
VOL14	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
	, VOL15	, VOL16	,			
VOL22	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
	, VOL23	, VOL24	,			
VOL30	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	,
	, VOL31	, VOL32	,			
VOL38	VOL33	, VOL34	, VOL35	, VOL36	, VOL37	,
	, VOL39	, VOL40	,			
VOL46	VOL41	, VOL42	, VOL43	, VOL44	, VOL45	,
	, VOL47	, VOL48	,			
VOL54	VOL49	, VOL50	, VOL51	, VOL52	, VOL53	,
	, VOL55	, VOL56	,			
VOL62	VOL57	, VOL58	, VOL59	, VOL60	, VOL61	,
	, VOL63	, VOL64	,			
VOL70	VOL65	, VOL66	, VOL67	, VOL68	, VOL69	,
	, VOL71	, VOL72	,			
VOL78	VOL73	, VOL74	, VOL75	, VOL76	, VOL77	,
	, VOL79	, VOL80	,			
VOL86	VOL81	, VOL82	, VOL83	, VOL84	, VOL85	,
	, VOL87	, VOL88	,			
VOL94	VOL89	, VOL90	, VOL91	, VOL92	, VOL93	,
	, VOL95	, VOL96	,			
	VOL97	, VOL98	, VOL99	, VOL100	,	

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*** AERMET - VERSION 14134 *** *** Farm at Alamo Creek Construction
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PAGE 6

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR HOUR SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 7
*** MODELOPTS:   RegDFAULT  CONC  ELEV  RURAL

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

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SOURCE ID = VOL2           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 8

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 9

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL4          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 10

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```
SOURCE ID = VOL5          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY
```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 11

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----  
SEASON = WINTER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = FALL ; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = WINTER; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK =  
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 12

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL7           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 13

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----

SEASON = WINTER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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

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

SEASON = SUMMER; DAY OF WEEK =  
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 14

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 15

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL10          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 16

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR

-----  
-----

SEASON = WINTER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SPRING; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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

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

SEASON = SUMMER; DAY OF WEEK = SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 17

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL12          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 18

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL13           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 19

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = VOL14          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 20

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL15           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 21

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL16          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 22

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL17          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***           06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***           15:15:20

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PAGE 23

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL18           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 24

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL19           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                     SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                     SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                     SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                     SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                     SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                     SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                     SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 25

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL20           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 26

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL21          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 27

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 28

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----									
SEASON = WINTER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = FALL ; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = WINTER; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = SATURDAY									

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc *** 06/02/18
*** AERMET - VERSION 14134 *** *** Farm at Alamo Creek Construction
*** 15:15:20

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PAGE 29

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR HOUR SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 30

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 31

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL26           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 32

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL27          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 33

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL28           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 34

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL29          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc                    \*\*\*                    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                    15:15:20

PAGE 35

\*\*\* MODELOPTS:    RegDFAULT    CONC    ELEV    RURAL

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

```

SOURCE ID = VOL30                    ; SOURCE TYPE = VOLUME                    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
SEASON = WINTER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = FALL ;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = WINTER;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK =
SATURDAY
  
```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 36

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL31          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 37

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL32           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 38

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 39

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL34          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
      1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
      1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
      1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
      1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
      9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
      1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
      9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
      1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
      9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
      17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 40

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL35          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 41

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 42

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL37          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 43

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL38           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 44

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL39          ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
    .1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
    .0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
    .1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
    .0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
    .1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
    .0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
    .1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
    .0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
    .0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
    .0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
    .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
    .0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
    .0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc                    \*\*\*                    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                    15:15:20

PAGE 45

\*\*\* MODELOPTS:    RegDFAULT    CONC    ELEV    RURAL

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

```

SOURCE ID = VOL40                    ; SOURCE TYPE = VOLUME                    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
SEASON = WINTER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = FALL ;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = WINTER;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK =
SATURDAY
  
```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 46

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL41           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 47

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL42           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 48

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----									
SEASON = WINTER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = FALL ; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = WINTER; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = SATURDAY									

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 49

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL44          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
    .0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
    .1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
    .0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
    .0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
    .1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
    .0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
    .0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
    .1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
    .0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
    .0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
    .1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
    .0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
    .0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
    .0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
    .0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
    .0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
    .0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
    .0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 50

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL45           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 51

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL46           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 52

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL47          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 53

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL48          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 54

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL49           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 55

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL50          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 56

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = VOL51          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 57

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----  
SEASON = WINTER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = FALL ; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = WINTER; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK =  
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 58

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 59

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 60

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----									
SEASON = WINTER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = FALL ; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = WINTER; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = SATURDAY									

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 61

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = VOL56           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 62

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL57          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 63

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL58           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 64

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL59          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 65

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 66

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 67

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = VOL62           ; SOURCE TYPE = VOLUME           :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 68

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL63           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc                    \*\*\*                    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                    15:15:20

PAGE 69

\*\*\* MODELOPTS:    RegDFAULT    CONC    ELEV    RURAL

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

```

SOURCE ID = VOL64                    ; SOURCE TYPE = VOLUME                    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
SEASON = WINTER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = FALL ;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = WINTER;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK =
SATURDAY
  
```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 70

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL65          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 71

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 72

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL67          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 73

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL68           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 74

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL69           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc                    \*\*\*                    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                    15:15:20

PAGE 75

\*\*\* MODELOPTS:    RegDFAULT    CONC    ELEV    RURAL

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

```

SOURCE ID = VOL70                    ; SOURCE TYPE = VOLUME                    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
SEASON = WINTER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = FALL ;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = WINTER;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK =
SATURDAY
  
```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 76

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL71          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 77

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL72          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 78

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL73 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 79

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL74 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----									
SEASON = WINTER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = FALL ; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = WINTER; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = SATURDAY									

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 80

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = VOL75          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
  9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 81

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL76           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 82

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL77           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 83

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL78 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----  
SEASON = WINTER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = FALL ; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = WINTER; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK =  
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 84

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL79           ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 85

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL80           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 86

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 87

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL82           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 88

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL83           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 89

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL84 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 90

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL85 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 91

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL86           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 92

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL87           ; SOURCE TYPE = VOLUME       :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
    17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 93

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL88          ; SOURCE TYPE = VOLUME          :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 94

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----  
SEASON = WINTER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = FALL ; DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .1000E+01  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = WINTER; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SPRING; DAY OF WEEK =  
SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00  
SEASON = SUMMER; DAY OF WEEK =  
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 95

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL90           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 96

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL91           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 97

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																								
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR																								
-----																																															
SEASON = WINTER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = SATURDAY																																															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = SATURDAY																																															

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
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 \*\*\* 15:15:20

PAGE 98

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL93 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----									
SEASON = WINTER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = FALL ; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = WINTER; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = SATURDAY									

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 99

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = VOL94 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
-----									
SEASON = WINTER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = FALL ; DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.0000E+00	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = WINTER; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SPRING; DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		
SEASON = SUMMER; DAY OF WEEK = SATURDAY									

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 100

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL95          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc                    \*\*\*                    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                    15:15:20

PAGE 101

\*\*\* MODELOPTS:    RegDFAULT    CONC    ELEV    RURAL

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

```

SOURCE ID = VOL96                    ; SOURCE TYPE = VOLUME                    :
  HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
SEASON = WINTER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = FALL ;    DAY OF WEEK = WEEKDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .1000E+01
  9 .1000E+01    10 .1000E+01    11 .1000E+01    12 .0000E+00    13 .1000E+01    14
.1000E+01    15 .1000E+01    16 .1000E+01
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = WINTER;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SPRING;    DAY OF WEEK =
SATURDAY
  1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
  9 .0000E+00    10 .0000E+00    11 .0000E+00    12 .0000E+00    13 .0000E+00    14
.0000E+00    15 .0000E+00    16 .0000E+00
  17 .0000E+00    18 .0000E+00    19 .0000E+00    20 .0000E+00    21 .0000E+00    22
.0000E+00    23 .0000E+00    24 .0000E+00
SEASON = SUMMER;    DAY OF WEEK =
SATURDAY
  
```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 102

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL97           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 103

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL98           ; SOURCE TYPE = VOLUME           :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
SEASON = WINTER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = FALL ; DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .1000E+01
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .0000E+00  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = WINTER; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SPRING; DAY OF WEEK =
SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 104

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL99          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 105

\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = VOL100      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                SEASON = WINTER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = FALL ; DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .1000E+01
    9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .0000E+00 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = WINTER; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SPRING; DAY OF WEEK =
SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
    17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                SEASON = SUMMER; DAY OF WEEK =
SATURDAY

```

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

SEASON = FALL ; DAY OF WEEK =

SATURDAY

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

SEASON = WINTER; DAY OF WEEK = SUNDAY

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

SEASON = SPRING; DAY OF WEEK = SUNDAY

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

SEASON = SUMMER; DAY OF WEEK = SUNDAY

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

SEASON = FALL ; DAY OF WEEK = SUNDAY

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



( 593539.7, 4245372.5,	26.6,	26.6,	0.0);	( 593539.7,
4245394.8,	26.6,	26.6,	0.0);	
( 593539.6, 4245439.6,	26.5,	26.5,	0.0);	( 593539.6,
4245462.0,	26.3,	26.3,	0.0);	
( 593539.5, 4245484.3,	25.9,	25.9,	0.0);	( 593539.4,
4245529.1,	25.1,	25.1,	0.0);	
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4245372.4,	26.7,	26.7,	0.0);	
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4245484.3,	25.8,	25.8,	0.0);	
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4245417.1,	26.5,	26.5,	0.0);	
( 593489.6, 4245439.5,	26.2,	26.2,	0.0);	( 593489.6,
4245461.9,	26.0,	26.0,	0.0);	
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4245529.0,	25.2,	25.2,	0.0);	
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4245576.9,	25.7,	25.7,	0.0);	
( 593784.2, 4245577.0,	25.5,	25.5,	0.0);	( 593829.0,
4245577.1,	25.2,	25.2,	0.0);	
( 593873.9, 4245577.2,	25.2,	25.2,	0.0);	( 593918.7,
4245577.3,	25.3,	25.3,	0.0);	
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4245602.0,	25.7,	25.7,	0.0);	
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4245602.3,	25.4,	25.4,	0.0);	
( 593721.6, 4245619.5,	25.8,	25.8,	0.0);	( 593678.9,
4245587.1,	26.4,	26.4,	0.0);	
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4245644.5,	25.3,	25.3,	0.0);	



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4245462.2,	25.4,	25.4,	0.0);	
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4245417.2,	25.5,	25.5,	0.0);	
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4245570.0,	25.3,	25.3,	0.0);	
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( 593991.2, 4245484.8,	25.2,	25.2,	0.0);	( 593991.2,
4245462.2,	25.2,	25.2,	0.0);	
( 593991.2, 4245439.7,	25.2,	25.2,	0.0);	( 593991.2,
4245417.2,	25.3,	25.3,	0.0);	



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 108

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 593991.2, 4245394.7, 25.3, 25.3, 0.0);	( 593991.2,
4245372.2, 25.3, 25.3, 0.0);	
( 594008.8, 4245570.0, 25.4, 25.4, 0.0);	( 593976.5,
4245612.7, 25.7, 25.7, 0.0);	
( 594016.2, 4245529.8, 25.2, 25.2, 0.0);	( 594016.2,
4245507.3, 25.2, 25.2, 0.0);	
( 594016.2, 4245484.8, 25.2, 25.2, 0.0);	( 594016.2,
4245462.2, 25.2, 25.2, 0.0);	
( 594016.2, 4245439.7, 25.2, 25.2, 0.0);	( 594016.2,
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( 594016.2, 4245349.7, 25.3, 25.3, 0.0);	( 594033.8,
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( 594019.2, 4245605.4, 25.7, 25.7, 0.0);	( 593994.1,
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4245462.2, 25.2, 25.2, 0.0);	
( 594041.2, 4245439.7, 25.2, 25.2, 0.0);	( 594041.2,
4245417.2, 25.2, 25.2, 0.0);	
( 594041.2, 4245394.7, 25.2, 25.2, 0.0);	( 594041.2,
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( 594066.2, 4245484.8, 25.4, 25.4, 0.0);	( 594066.2,
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\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 109

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 594150.4, 4245650.6, 25.4, 25.4, 0.0);	( 594134.1,
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( 593761.8, 4244760.5, 26.1, 26.1, 0.0); ( 593786.8,  
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( 593811.8, 4244760.5, 25.9, 25.9, 0.0); ( 593836.8,  
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( 593861.8, 4244760.5, 25.7, 25.7, 0.0); ( 593886.8,  
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( 593911.8, 4244760.5, 25.5, 25.5, 0.0); ( 593936.8,  
4244760.5, 25.4, 25.4, 0.0);  
( 593961.8, 4244760.5, 25.4, 25.4, 0.0); ( 593986.8,  
4244760.5, 25.3, 25.3, 0.0);  
( 594011.8, 4244760.5, 25.2, 25.2, 0.0); ( 594036.8,  
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( 594161.8, 4244760.5, 24.7, 24.7, 0.0); ( 594186.8,  
4244760.5, 24.7, 24.7, 0.0);

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 110

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 594086.8, 4244785.5,	25.0,	25.0,	0.0);	( 594111.8,
4244785.5, 24.9,	24.9,	0.0);		
( 594136.8, 4244785.5,	24.8,	24.8,	0.0);	( 594161.8,
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( 593911.8, 4244810.5,	25.5,	25.5,	0.0);	( 593936.8,
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( 594136.8, 4244835.5,	24.8,	24.8,	0.0);	( 594161.8,
4244835.5,	24.7,	24.7,	0.0);	
( 594186.8, 4244835.5,	24.7,	24.7,	0.0);	( 594211.8,
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View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 111

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  RURAL

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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```

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( 594161.8, 4244860.5, 24.7, 24.7, 0.0); ( 594186.8,
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( 594211.8, 4244860.5, 24.6, 24.6, 0.0); ( 594236.8,
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( 594261.8, 4244860.5, 24.4, 24.4, 0.0); ( 594286.8,
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( 594311.8, 4244860.5, 24.3, 24.3, 0.0); ( 594336.8,
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( 593761.8, 4244910.5, 26.0, 26.0, 0.0); ( 593786.8,
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4244910.5,	25.0,	25.0,	0.0);	
( 594111.8, 4244910.5,	24.9,	24.9,	0.0);	( 594136.8,
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( 594211.8, 4244910.5,	24.6,	24.6,	0.0);	( 594236.8,
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( 594236.8, 4244935.5,	24.5,	24.5,	0.0);	( 594261.8,
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( 594286.8, 4244935.5,	24.4,	24.4,	0.0);	( 594311.8,
4244935.5,	24.4,	24.4,	0.0);	



\*\*\* AERMOD - VERSION 18081 \*\*\*    \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc                                    \*\*\*                                    06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                                    15:15:20

PAGE 112

\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 594336.8, 4244935.5,	24.3,	24.3,	0.0);	( 593736.8,
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4244985.5, 25.7, 25.7,	0.0);			
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( 594261.8, 4245010.5,	24.6,	24.6,	0.0);	( 594286.8,
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4245110.5,	25.7,	25.7,	0.0);	
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4245110.5,	25.5,	25.5,	0.0);	
( 594011.8, 4245110.5,	25.4,	25.4,	0.0);	( 594036.8,
4245110.5,	25.3,	25.3,	0.0);	
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( 594111.8, 4245110.5,	25.0,	25.0,	0.0);	( 594136.8,
4245110.5,	25.0,	25.0,	0.0);	
( 594161.8, 4245110.5,	24.9,	24.9,	0.0);	( 594186.8,
4245110.5,	24.8,	24.8,	0.0);	
( 594211.8, 4245110.5,	24.7,	24.7,	0.0);	( 594236.8,
4245110.5,	24.6,	24.6,	0.0);	
( 594261.8, 4245110.5,	24.5,	24.5,	0.0);	( 594286.8,
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( 593786.8, 4245135.5,	26.0,	26.0,	0.0);	( 593811.8,
4245135.5,	26.0,	26.0,	0.0);	

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 114

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 594086.8, 4245135.5,	25.1,	25.1,	0.0);	( 594111.8,
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( 594136.8, 4245135.5,	25.0,	25.0,	0.0);	( 594161.8,
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( 594186.8, 4245135.5,	24.8,	24.8,	0.0);	( 594211.8,
4245135.5, 24.7,	24.7,	0.0);		
( 594236.8, 4245135.5,	24.7,	24.7,	0.0);	( 594261.8,
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( 594286.8, 4245135.5,	24.5,	24.5,	0.0);	( 594311.8,
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4245160.5, 25.8,	25.8,	0.0);		
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4245160.5, 24.8,	24.8,	0.0);		
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4245160.5, 24.6,	24.6,	0.0);		
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*** AERMOD - VERSION 18081 ***   *** C:\Lakes\AERMOD
View\FarmAtAlamov2\FarmAtAlamov2.isc   ***   06/02/18
*** AERMET - VERSION 14134 ***   *** Farm at Alamo Creek Construction
***   15:15:20

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PAGE 115

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 116

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 594161.8, 4245310.5,	25.2,	25.2,	0.0);	( 594186.8,
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( 594261.8, 4245310.5,	25.1,	25.1,	0.0);	( 594286.8,
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( 594311.8, 4245310.5,	24.9,	24.9,	0.0);	( 594336.8,
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09	01	01	1	19	-3.9	0.075	-9.000	-9.000	-999.	49.	9.7	0.09	0.88	1.00
1.76	194.	10.0	280.1	2.0										
09	01	01	1	20	-4.5	0.082	-9.000	-9.000	-999.	56.	11.2	0.14	0.88	1.00
1.76	157.	10.0	280.1	2.0										
09	01	01	1	21	-10.2	0.179	-9.000	-9.000	-999.	182.	50.9	0.14	0.88	1.00
2.36	140.	10.0	280.1	2.0										
09	01	01	1	22	-10.2	0.179	-9.000	-9.000	-999.	182.	50.9	0.14	0.88	1.00
2.36	162.	10.0	280.1	2.0										
09	01	01	1	23	-10.2	0.179	-9.000	-9.000	-999.	182.	50.9	0.14	0.88	1.00
2.36	140.	10.0	280.1	2.0										
09	01	01	1	24	-4.5	0.082	-9.000	-9.000	-999.	61.	11.2	0.14	0.88	1.00
1.76	170.	10.0	280.1	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	-999.	-99.00	279.2	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 119

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			COORD (M)
593714.79	4245350.46	0.00596	593714.74	
4245372.83	0.00697			
593714.65	4245417.59	0.00807	593714.60	
4245439.96	0.00824			
593714.56	4245462.34	0.00819	593714.46	
4245507.09	0.00737			
593714.42	4245529.47	0.00654	593714.37	
4245551.85	0.00543			
593689.74	4245372.78	0.00421	593689.65	
4245417.54	0.00474			
593689.60	4245439.91	0.00483	593689.56	
4245462.29	0.00480			
593689.46	4245507.04	0.00438	593689.42	
4245529.42	0.00398			
593689.37	4245551.80	0.00347	593664.74	
4245372.73	0.00284			
593664.70	4245395.11	0.00302	593664.65	
4245417.48	0.00313			
593664.60	4245439.86	0.00318	593664.51	
4245484.61	0.00308			
593664.46	4245506.99	0.00293	593664.42	
4245529.37	0.00270			
593639.74	4245372.68	0.00205	593639.70	
4245395.05	0.00216			
593639.65	4245417.43	0.00223	593639.60	
4245439.81	0.00226			
593639.51	4245484.56	0.00220	593639.46	
4245506.94	0.00210			
593639.42	4245529.31	0.00196	593614.74	
4245372.63	0.00156			
593614.70	4245395.00	0.00163	593614.65	
4245417.38	0.00167			
593614.60	4245439.76	0.00170	593614.51	
4245484.51	0.00165			

593614.46	4245506.89	0.00159	593614.42
4245529.26	0.00149		
593589.74	4245372.57	0.00123	593589.70
4245394.95	0.00127		
593589.65	4245417.33	0.00131	593589.56
4245462.08	0.00131		
593589.51	4245484.46	0.00129	593589.46
4245506.83	0.00124		
593589.37	4245551.59	0.00110	593564.74
4245372.52	0.00100		
593564.70	4245394.90	0.00103	593564.65
4245417.28	0.00105		
593564.56	4245462.03	0.00106	593564.51
4245484.41	0.00104		
593564.46	4245506.78	0.00100	593564.37
4245551.54	0.00090		
593539.74	4245372.47	0.00083	593539.70
4245394.85	0.00085		
593539.60	4245439.60	0.00087	593539.56
4245461.98	0.00087		
593539.51	4245484.35	0.00085	593539.42
4245529.11	0.00078		
593539.37	4245551.48	0.00074	593514.74
4245372.42	0.00070		
593514.70	4245394.79	0.00071	593514.60
4245439.55	0.00073		
593514.56	4245461.92	0.00072	593514.51
4245484.30	0.00071		
593514.42	4245529.05	0.00066	593514.37
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593489.74	4245372.37	0.00060	593489.65
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593489.60	4245439.50	0.00062	593489.56
4245461.87	0.00061		
593489.46	4245506.63	0.00058	593489.42
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593489.37	4245551.38	0.00054	593739.32
4245576.90	0.00668		
593784.16	4245576.99	0.01259	593829.01
4245577.09	0.01544		
593873.86	4245577.18	0.01614	593918.70
4245577.27	0.01477		
593721.60	4245594.54	0.00402	593761.69
4245601.95	0.00643		
593806.54	4245602.04	0.00941	593851.38
4245602.13	0.01091		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 120

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			COORD (M)
593896.23	4245602.23	0.01100	593941.08	
4245602.32	0.00938			
593721.55	4245619.54	0.00319	593678.94	
4245587.13	0.00238			
593761.64	4245626.95	0.00464	593806.48	
4245627.04	0.00661			
593851.33	4245627.13	0.00786	593896.18	
4245627.23	0.00812			
593941.02	4245627.32	0.00727	593721.50	
4245644.54	0.00260			
593686.17	4245629.82	0.00201	593661.23	
4245604.77	0.00177			
593646.66	4245569.38	0.00180	593761.59	
4245651.95	0.00355			
593806.43	4245652.04	0.00491	593851.28	
4245652.13	0.00590			
593896.13	4245652.23	0.00623	593940.97	
4245652.32	0.00581			
593721.45	4245669.54	0.00216	593686.12	
4245654.82	0.00174			
593643.51	4245622.41	0.00138	593628.94	
4245587.03	0.00139			
593761.53	4245676.95	0.00284	593806.38	
4245677.04	0.00380			
593851.23	4245677.13	0.00456	593896.07	
4245677.23	0.00491			
593940.92	4245677.32	0.00473	593721.40	
4245694.54	0.00183			
593686.07	4245679.82	0.00152	593650.75	
4245665.10	0.00122			
593625.80	4245640.05	0.00110	593611.23	
4245604.67	0.00111			
593761.48	4245701.95	0.00233	593806.33	
4245702.04	0.00304			

593851.17	4245702.13	0.00363	593896.02
4245702.23	0.00395		
593940.87	4245702.32	0.00390	593718.40
4245718.31	0.00155		
593677.19	4245701.14	0.00127	593635.97
4245683.97	0.00101		
593606.87	4245654.74	0.00090	593589.87
4245613.46	0.00091		
593761.43	4245726.95	0.00194	593806.28
4245727.04	0.00248		
593851.12	4245727.13	0.00295	593895.97
4245727.23	0.00323		
593940.82	4245727.32	0.00326	593718.77
4245743.49	0.00135		
593678.40	4245726.67	0.00114	593638.03
4245709.85	0.00093		
593589.33	4245672.81	0.00075	593572.68
4245632.36	0.00076		
593556.02	4245591.92	0.00076	593761.38
4245751.95	0.00165		
593806.22	4245752.04	0.00207	593851.07
4245752.13	0.00244		
593895.92	4245752.23	0.00268	593940.76
4245752.32	0.00274		
593719.03	4245768.62	0.00118	593679.29
4245752.06	0.00102		
593639.55	4245735.50	0.00086	593599.81
4245718.95	0.00070		
593571.74	4245690.76	0.00064	593555.35
4245650.95	0.00064		
593538.96	4245611.14	0.00065	593761.33
4245776.95	0.00141		
593806.17	4245777.04	0.00175	593851.02
4245777.13	0.00205		
593895.87	4245777.23	0.00226	593940.71
4245777.32	0.00233		
593719.22	4245793.72	0.00105	593679.97
4245777.37	0.00092		
593640.73	4245761.02	0.00079	593601.48
4245744.66	0.00066		
593554.13	4245708.65	0.00054	593537.94
4245669.33	0.00055		
593521.75	4245630.01	0.00056	593505.56
4245590.70	0.00055		
593761.27	4245801.95	0.00123	593806.12
4245802.04	0.00150		



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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 121

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) COORD (M)	Y-COORD (M) CONC	CONC	X-COORD (M)	Y-
593850.97	4245802.13	0.00175	593895.81	
4245802.23	0.00193			
593940.66	4245802.32	0.00200	593966.18	
4245552.32	0.01037			
593966.18	4245529.80	0.01074	593966.18	
4245507.28	0.01080			
593966.18	4245484.77	0.01061	593966.18	
4245462.25	0.01017			
593966.18	4245439.73	0.00945	593966.18	
4245417.21	0.00843			
593966.18	4245394.70	0.00707	593966.18	
4245372.18	0.00552			
593966.18	4245349.66	0.00441	593983.84	
4245570.02	0.00734			
593991.18	4245529.80	0.00667	593991.18	
4245507.28	0.00647			
593991.18	4245484.77	0.00613	593991.18	
4245462.25	0.00567			
593991.18	4245439.73	0.00508	593991.18	
4245417.21	0.00438			
593991.18	4245394.70	0.00365	593991.18	
4245372.18	0.00302			
594008.84	4245570.02	0.00515	593976.45	
4245612.71	0.00648			
594016.18	4245529.80	0.00447	594016.18	
4245507.28	0.00422			
594016.18	4245484.77	0.00389	594016.18	
4245462.25	0.00350			
594016.18	4245439.73	0.00307	594016.18	
4245417.21	0.00263			
594016.18	4245394.70	0.00223	594016.18	
4245372.18	0.00192			
594016.18	4245349.66	0.00170	594033.84	
4245570.02	0.00373			

594019.16	4245605.41	0.00435	593994.11
4245630.41	0.00504		
594041.18	4245529.80	0.00313	594041.18
4245507.28	0.00290		
594041.18	4245484.77	0.00262	594041.18
4245462.25	0.00233		
594041.18	4245439.73	0.00203	594041.18
4245417.21	0.00175		
594041.18	4245394.70	0.00152	594041.18
4245372.18	0.00133		
594058.84	4245570.02	0.00277	594044.16
4245605.41	0.00334		
594011.77	4245648.10	0.00405	593976.34
4245662.71	0.00465		
594066.18	4245529.80	0.00227	594066.18
4245507.28	0.00207		
594066.18	4245484.77	0.00186	594066.18
4245462.25	0.00165		
594066.18	4245439.73	0.00144	594066.18
4245417.21	0.00126		
594066.18	4245394.70	0.00111	594066.18
4245372.18	0.00099		
594066.18	4245349.66	0.00090	594083.84
4245570.02	0.00209		
594069.16	4245605.41	0.00258	594054.48
4245640.80	0.00292		
594029.42	4245665.80	0.00333	593994.00
4245680.41	0.00383		
594091.18	4245529.80	0.00169	594091.18
4245507.28	0.00153		
594091.18	4245484.77	0.00137	594091.18
4245462.25	0.00122		
594091.18	4245439.73	0.00108	594091.18
4245417.21	0.00095		
594091.18	4245394.70	0.00085	594091.18
4245372.18	0.00076		
594107.62	4245572.97	0.00164	594090.49
4245614.26	0.00211		
594073.36	4245655.55	0.00245	594044.13
4245684.71	0.00284		
594002.81	4245701.76	0.00327	594116.18
4245529.80	0.00129		
594116.18	4245507.28	0.00117	594116.18
4245484.77	0.00105		
594116.18	4245462.25	0.00094	594116.18
4245439.73	0.00084		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 122

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			
594116.18	4245417.21	0.00075	594116.18	
4245394.70	0.00067			
594116.18	4245372.18	0.00061	594116.18	
4245349.66	0.00056			
594132.79	4245572.54	0.00128	594116.01	
4245612.99	0.00166			
594099.23	4245653.44	0.00199	594062.21	
4245702.24	0.00242			
594021.73	4245718.93	0.00278	593981.25	
4245735.62	0.00289			
594141.18	4245529.80	0.00101	594141.18	
4245507.28	0.00091			
594141.18	4245484.77	0.00083	594141.18	
4245462.25	0.00074			
594141.18	4245439.73	0.00067	594141.18	
4245417.21	0.00060			
594141.18	4245394.70	0.00055	594141.18	
4245372.18	0.00050			
594141.18	4245349.66	0.00046	594157.92	
4245572.23	0.00102			
594141.41	4245612.04	0.00132	594124.89	
4245651.86	0.00161			
594108.37	4245691.68	0.00183	594080.19	
4245719.80	0.00208			
594040.34	4245736.24	0.00238	594000.49	
4245752.67	0.00251			
594166.18	4245529.80	0.00081	594166.18	
4245507.28	0.00073			
594166.18	4245484.77	0.00067	594166.18	
4245462.25	0.00060			
594166.18	4245439.73	0.00055	594166.18	
4245417.21	0.00050			
594166.18	4245394.70	0.00045	594166.18	
4245372.18	0.00042			

594183.02	4245571.98	0.00082	594166.71
4245611.31	0.00106		
594150.40	4245650.63	0.00130	594134.09
4245689.96	0.00152		
594098.09	4245737.40	0.00181	594058.74
4245753.63	0.00207		
594019.38	4245769.86	0.00219	593980.02
4245786.09	0.00216		
594191.18	4245529.80	0.00066	594191.18
4245507.28	0.00060		
594191.18	4245484.77	0.00055	594191.18
4245462.25	0.00050		
594191.18	4245439.73	0.00046	594191.18
4245417.21	0.00042		
594191.18	4245394.70	0.00038	594191.18
4245372.18	0.00035		
594191.18	4245349.66	0.00033	593736.80
4244710.46	0.00037		
593761.80	4244710.46	0.00039	593786.80
4244710.46	0.00041		
593811.80	4244710.46	0.00043	593836.80
4244710.46	0.00044		
593861.80	4244710.46	0.00045	593886.80
4244710.46	0.00045		
593911.80	4244710.46	0.00044	593936.80
4244710.46	0.00043		
593961.80	4244710.46	0.00041	593986.80
4244710.46	0.00039		
594011.80	4244710.46	0.00036	594036.80
4244710.46	0.00034		
594061.80	4244710.46	0.00031	594086.80
4244710.46	0.00028		
594111.80	4244710.46	0.00026	594136.80
4244710.46	0.00023		
594161.80	4244710.46	0.00021	594186.80
4244710.46	0.00019		
594211.80	4244710.46	0.00017	594236.80
4244710.46	0.00015		
594261.80	4244710.46	0.00013	594286.80
4244710.46	0.00012		
594311.80	4244710.46	0.00010	594336.80
4244710.46	0.00009		
593736.80	4244735.46	0.00039	593761.80
4244735.46	0.00042		
593786.80	4244735.46	0.00044	593811.80
4244735.46	0.00046		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 123

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			
593836.80	4244735.46	0.00047	593861.80	
4244735.46	0.00048			
593886.80	4244735.46	0.00048	593911.80	
4244735.46	0.00047			
593936.80	4244735.46	0.00045	593961.80	
4244735.46	0.00043			
593986.80	4244735.46	0.00041	594011.80	
4244735.46	0.00038			
594036.80	4244735.46	0.00035	594061.80	
4244735.46	0.00032			
594086.80	4244735.46	0.00029	594111.80	
4244735.46	0.00026			
594136.80	4244735.46	0.00024	594161.80	
4244735.46	0.00021			
594186.80	4244735.46	0.00019	594211.80	
4244735.46	0.00017			
594236.80	4244735.46	0.00015	594261.80	
4244735.46	0.00013			
594286.80	4244735.46	0.00012	594311.80	
4244735.46	0.00010			
594336.80	4244735.46	0.00009	593736.80	
4244760.46	0.00042			
593761.80	4244760.46	0.00044	593786.80	
4244760.46	0.00047			
593811.80	4244760.46	0.00049	593836.80	
4244760.46	0.00050			
593861.80	4244760.46	0.00051	593886.80	
4244760.46	0.00051			
593911.80	4244760.46	0.00050	593936.80	
4244760.46	0.00048			
593961.80	4244760.46	0.00046	593986.80	
4244760.46	0.00043			
594011.80	4244760.46	0.00040	594036.80	
4244760.46	0.00037			

594061.80	4244760.46	0.00033	594086.80
4244760.46	0.00030		
594111.80	4244760.46	0.00027	594136.80
4244760.46	0.00024		
594161.80	4244760.46	0.00022	594186.80
4244760.46	0.00019		
594211.80	4244760.46	0.00017	594236.80
4244760.46	0.00015		
594261.80	4244760.46	0.00013	594286.80
4244760.46	0.00012		
594311.80	4244760.46	0.00010	594336.80
4244760.46	0.00009		
593736.80	4244785.46	0.00045	593761.80
4244785.46	0.00047		
593786.80	4244785.46	0.00050	593811.80
4244785.46	0.00052		
593836.80	4244785.46	0.00054	593861.80
4244785.46	0.00054		
593886.80	4244785.46	0.00054	593911.80
4244785.46	0.00053		
593936.80	4244785.46	0.00051	593961.80
4244785.46	0.00049		
593986.80	4244785.46	0.00045	594011.80
4244785.46	0.00042		
594036.80	4244785.46	0.00038	594061.80
4244785.46	0.00035		
594086.80	4244785.46	0.00031	594111.80
4244785.46	0.00028		
594136.80	4244785.46	0.00025	594161.80
4244785.46	0.00022		
594186.80	4244785.46	0.00019	594211.80
4244785.46	0.00017		
594236.80	4244785.46	0.00015	594261.80
4244785.46	0.00013		
594286.80	4244785.46	0.00012	594311.80
4244785.46	0.00010		
594336.80	4244785.46	0.00009	593736.80
4244810.46	0.00048		
593761.80	4244810.46	0.00051	593786.80
4244810.46	0.00054		
593811.80	4244810.46	0.00056	593836.80
4244810.46	0.00058		
593861.80	4244810.46	0.00058	593886.80
4244810.46	0.00058		
593911.80	4244810.46	0.00057	593936.80
4244810.46	0.00055		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 124

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
593961.80	4244810.46	0.00052	593986.80	
4244810.46	0.00048			
594011.80	4244810.46	0.00044	594036.80	
4244810.46	0.00040			
594061.80	4244810.46	0.00036	594086.80	
4244810.46	0.00032			
594111.80	4244810.46	0.00029	594136.80	
4244810.46	0.00026			
594161.80	4244810.46	0.00022	594186.80	
4244810.46	0.00020			
594211.80	4244810.46	0.00017	594236.80	
4244810.46	0.00015			
594261.80	4244810.46	0.00013	594286.80	
4244810.46	0.00012			
594311.80	4244810.46	0.00010	594336.80	
4244810.46	0.00009			
593736.80	4244835.46	0.00051	593761.80	
4244835.46	0.00055			
593786.80	4244835.46	0.00058	593811.80	
4244835.46	0.00060			
593836.80	4244835.46	0.00062	593861.80	
4244835.46	0.00063			
593886.80	4244835.46	0.00062	593911.80	
4244835.46	0.00061			
593936.80	4244835.46	0.00058	593961.80	
4244835.46	0.00055			
593986.80	4244835.46	0.00051	594011.80	
4244835.46	0.00047			
594036.80	4244835.46	0.00042	594061.80	
4244835.46	0.00038			
594086.80	4244835.46	0.00034	594111.80	
4244835.46	0.00030			
594136.80	4244835.46	0.00026	594161.80	
4244835.46	0.00023			

594186.80	4244835.46	0.00020	594211.80
4244835.46	0.00017		
594236.80	4244835.46	0.00015	594261.80
4244835.46	0.00013		
594286.80	4244835.46	0.00012	594311.80
4244835.46	0.00010		
594336.80	4244835.46	0.00009	593736.80
4244860.46	0.00055		
593761.80	4244860.46	0.00059	593786.80
4244860.46	0.00062		
593811.80	4244860.46	0.00065	593836.80
4244860.46	0.00067		
593861.80	4244860.46	0.00068	593886.80
4244860.46	0.00067		
593911.80	4244860.46	0.00065	593936.80
4244860.46	0.00062		
593961.80	4244860.46	0.00059	593986.80
4244860.46	0.00054		
594011.80	4244860.46	0.00049	594036.80
4244860.46	0.00044		
594061.80	4244860.46	0.00039	594086.80
4244860.46	0.00035		
594111.80	4244860.46	0.00031	594136.80
4244860.46	0.00027		
594161.80	4244860.46	0.00023	594186.80
4244860.46	0.00020		
594211.80	4244860.46	0.00018	594236.80
4244860.46	0.00015		
594261.80	4244860.46	0.00013	594286.80
4244860.46	0.00012		
594311.80	4244860.46	0.00010	594336.80
4244860.46	0.00009		
593736.80	4244885.46	0.00059	593761.80
4244885.46	0.00063		
593786.80	4244885.46	0.00067	593811.80
4244885.46	0.00070		
593836.80	4244885.46	0.00072	593861.80
4244885.46	0.00073		
593886.80	4244885.46	0.00072	593911.80
4244885.46	0.00070		
593936.80	4244885.46	0.00067	593961.80
4244885.46	0.00063		
593986.80	4244885.46	0.00057	594011.80
4244885.46	0.00052		
594036.80	4244885.46	0.00046	594061.80
4244885.46	0.00041		



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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 125

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			COORD (M)
594086.80	4244885.46	0.00036	594111.80	
4244885.46	0.00031			
594136.80	4244885.46	0.00027	594161.80	
4244885.46	0.00024			
594186.80	4244885.46	0.00020	594211.80	
4244885.46	0.00018			
594236.80	4244885.46	0.00015	594261.80	
4244885.46	0.00013			
594286.80	4244885.46	0.00012	594311.80	
4244885.46	0.00010			
594336.80	4244885.46	0.00009	593736.80	
4244910.46	0.00064			
593761.80	4244910.46	0.00069	593786.80	
4244910.46	0.00073			
593811.80	4244910.46	0.00076	593836.80	
4244910.46	0.00079			
593861.80	4244910.46	0.00079	593886.80	
4244910.46	0.00079			
593911.80	4244910.46	0.00076	593936.80	
4244910.46	0.00072			
593961.80	4244910.46	0.00067	593986.80	
4244910.46	0.00061			
594011.80	4244910.46	0.00055	594036.80	
4244910.46	0.00049			
594061.80	4244910.46	0.00043	594086.80	
4244910.46	0.00037			
594111.80	4244910.46	0.00032	594136.80	
4244910.46	0.00028			
594161.80	4244910.46	0.00024	594186.80	
4244910.46	0.00020			
594211.80	4244910.46	0.00018	594236.80	
4244910.46	0.00015			
594261.80	4244910.46	0.00013	594286.80	
4244910.46	0.00012			

594311.80	4244910.46	0.00010	594336.80
4244910.46	0.00009		
593736.80	4244935.46	0.00069	593761.80
4244935.46	0.00075		
593786.80	4244935.46	0.00080	593811.80
4244935.46	0.00083		
593836.80	4244935.46	0.00086	593861.80
4244935.46	0.00087		
593886.80	4244935.46	0.00085	593911.80
4244935.46	0.00082		
593936.80	4244935.46	0.00078	593961.80
4244935.46	0.00072		
593986.80	4244935.46	0.00065	594011.80
4244935.46	0.00058		
594036.80	4244935.46	0.00051	594061.80
4244935.46	0.00044		
594086.80	4244935.46	0.00038	594111.80
4244935.46	0.00033		
594136.80	4244935.46	0.00028	594161.80
4244935.46	0.00024		
594186.80	4244935.46	0.00021	594211.80
4244935.46	0.00018		
594236.80	4244935.46	0.00015	594261.80
4244935.46	0.00013		
594286.80	4244935.46	0.00012	594311.80
4244935.46	0.00010		
594336.80	4244935.46	0.00009	593736.80
4244960.46	0.00075		
593761.80	4244960.46	0.00081	593786.80
4244960.46	0.00087		
593811.80	4244960.46	0.00091	593836.80
4244960.46	0.00094		
593861.80	4244960.46	0.00095	593886.80
4244960.46	0.00093		
593911.80	4244960.46	0.00090	593936.80
4244960.46	0.00084		
593961.80	4244960.46	0.00077	593986.80
4244960.46	0.00070		
594011.80	4244960.46	0.00061	594036.80
4244960.46	0.00054		
594061.80	4244960.46	0.00046	594086.80
4244960.46	0.00040		
594111.80	4244960.46	0.00034	594136.80
4244960.46	0.00029		
594161.80	4244960.46	0.00024	594186.80
4244960.46	0.00021		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 126

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
594211.80	4244960.46	0.00018	594236.80	
4244960.46	0.00015			
594261.80	4244960.46	0.00013	594286.80	
4244960.46	0.00012			
594311.80	4244960.46	0.00010	594336.80	
4244960.46	0.00009			
593736.80	4244985.46	0.00082	593761.80	
4244985.46	0.00089			
593786.80	4244985.46	0.00096	593811.80	
4244985.46	0.00101			
593836.80	4244985.46	0.00104	593861.80	
4244985.46	0.00104			
593886.80	4244985.46	0.00102	593911.80	
4244985.46	0.00098			
593936.80	4244985.46	0.00092	593961.80	
4244985.46	0.00083			
593986.80	4244985.46	0.00074	594011.80	
4244985.46	0.00065			
594036.80	4244985.46	0.00056	594061.80	
4244985.46	0.00048			
594086.80	4244985.46	0.00041	594111.80	
4244985.46	0.00034			
594136.80	4244985.46	0.00029	594161.80	
4244985.46	0.00025			
594186.80	4244985.46	0.00021	594211.80	
4244985.46	0.00018			
594236.80	4244985.46	0.00015	594261.80	
4244985.46	0.00013			
594286.80	4244985.46	0.00012	594311.80	
4244985.46	0.00011			
594336.80	4244985.46	0.00010	593736.80	
4245010.46	0.00090			
593761.80	4245010.46	0.00098	593786.80	
4245010.46	0.00106			

593811.80	4245010.46	0.00112	593836.80
4245010.46	0.00115		
593861.80	4245010.46	0.00115	593886.80
4245010.46	0.00113		
593911.80	4245010.46	0.00108	593936.80
4245010.46	0.00100		
593961.80	4245010.46	0.00090	593986.80
4245010.46	0.00080		
594011.80	4245010.46	0.00069	594036.80
4245010.46	0.00059		
594061.80	4245010.46	0.00050	594086.80
4245010.46	0.00042		
594111.80	4245010.46	0.00035	594136.80
4245010.46	0.00029		
594161.80	4245010.46	0.00025	594186.80
4245010.46	0.00021		
594211.80	4245010.46	0.00018	594236.80
4245010.46	0.00016		
594261.80	4245010.46	0.00014	594286.80
4245010.46	0.00012		
594311.80	4245010.46	0.00011	594336.80
4245010.46	0.00010		
593736.80	4245035.46	0.00099	593761.80
4245035.46	0.00109		
593786.80	4245035.46	0.00118	593811.80
4245035.46	0.00124		
593836.80	4245035.46	0.00128	593861.80
4245035.46	0.00128		
593886.80	4245035.46	0.00125	593911.80
4245035.46	0.00119		
593936.80	4245035.46	0.00109	593961.80
4245035.46	0.00098		
593986.80	4245035.46	0.00086	594011.80
4245035.46	0.00073		
594036.80	4245035.46	0.00062	594061.80
4245035.46	0.00052		
594086.80	4245035.46	0.00043	594111.80
4245035.46	0.00036		
594136.80	4245035.46	0.00030	594161.80
4245035.46	0.00025		
594186.80	4245035.46	0.00021	594211.80
4245035.46	0.00018		
594236.80	4245035.46	0.00016	594261.80
4245035.46	0.00014		
594286.80	4245035.46	0.00012	594311.80
4245035.46	0.00011		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 127

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			COORD (M)
594336.80	4245035.46	0.00010	593736.80	
4245060.46	0.00110			
593761.80	4245060.46	0.00122	593786.80	
4245060.46	0.00132			
593811.80	4245060.46	0.00139	593836.80	
4245060.46	0.00143			
593861.80	4245060.46	0.00143	593886.80	
4245060.46	0.00139			
593911.80	4245060.46	0.00131	593936.80	
4245060.46	0.00120			
593961.80	4245060.46	0.00107	593986.80	
4245060.46	0.00092			
594011.80	4245060.46	0.00078	594036.80	
4245060.46	0.00065			
594061.80	4245060.46	0.00054	594086.80	
4245060.46	0.00044			
594111.80	4245060.46	0.00037	594136.80	
4245060.46	0.00030			
594161.80	4245060.46	0.00025	594186.80	
4245060.46	0.00021			
594211.80	4245060.46	0.00018	594236.80	
4245060.46	0.00016			
594261.80	4245060.46	0.00014	594286.80	
4245060.46	0.00013			
594311.80	4245060.46	0.00011	594336.80	
4245060.46	0.00010			
593736.80	4245085.46	0.00123	593761.80	
4245085.46	0.00137			
593786.80	4245085.46	0.00149	593811.80	
4245085.46	0.00157			
593836.80	4245085.46	0.00162	593861.80	
4245085.46	0.00161			
593886.80	4245085.46	0.00156	593911.80	
4245085.46	0.00146			

593936.80	4245085.46	0.00133	593961.80
4245085.46	0.00116		
593986.80	4245085.46	0.00099	594011.80
4245085.46	0.00083		
594036.80	4245085.46	0.00068	594061.80
4245085.46	0.00056		
594086.80	4245085.46	0.00045	594111.80
4245085.46	0.00037		
594136.80	4245085.46	0.00031	594161.80
4245085.46	0.00026		
594186.80	4245085.46	0.00022	594211.80
4245085.46	0.00019		
594236.80	4245085.46	0.00016	594261.80
4245085.46	0.00014		
594286.80	4245085.46	0.00013	594311.80
4245085.46	0.00012		
594336.80	4245085.46	0.00011	593736.80
4245110.46	0.00139		
593761.80	4245110.46	0.00155	593786.80
4245110.46	0.00169		
593811.80	4245110.46	0.00179	593836.80
4245110.46	0.00184		
593861.80	4245110.46	0.00183	593886.80
4245110.46	0.00177		
593911.80	4245110.46	0.00164	593936.80
4245110.46	0.00148		
593961.80	4245110.46	0.00128	593986.80
4245110.46	0.00107		
594011.80	4245110.46	0.00088	594036.80
4245110.46	0.00071		
594061.80	4245110.46	0.00058	594086.80
4245110.46	0.00047		
594111.80	4245110.46	0.00038	594136.80
4245110.46	0.00031		
594161.80	4245110.46	0.00026	594186.80
4245110.46	0.00022		
594211.80	4245110.46	0.00019	594236.80
4245110.46	0.00017		
594261.80	4245110.46	0.00015	594286.80
4245110.46	0.00013		
594311.80	4245110.46	0.00012	594336.80
4245110.46	0.00011		
593736.80	4245135.46	0.00157	593761.80
4245135.46	0.00177		
593786.80	4245135.46	0.00194	593811.80
4245135.46	0.00206		

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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 128

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			COORD (M)
593836.80	4245135.46	0.00212	593861.80	
4245135.46	0.00210			
593886.80	4245135.46	0.00201	593911.80	
4245135.46	0.00186			
593936.80	4245135.46	0.00165	593961.80	
4245135.46	0.00141			
593986.80	4245135.46	0.00116	594011.80	
4245135.46	0.00094			
594036.80	4245135.46	0.00075	594061.80	
4245135.46	0.00060			
594086.80	4245135.46	0.00048	594111.80	
4245135.46	0.00039			
594136.80	4245135.46	0.00032	594161.80	
4245135.46	0.00027			
594186.80	4245135.46	0.00023	594211.80	
4245135.46	0.00020			
594236.80	4245135.46	0.00017	594261.80	
4245135.46	0.00015			
594286.80	4245135.46	0.00014	594311.80	
4245135.46	0.00012			
594336.80	4245135.46	0.00011	593736.80	
4245160.46	0.00179			
593761.80	4245160.46	0.00205	593786.80	
4245160.46	0.00226			
593811.80	4245160.46	0.00240	593836.80	
4245160.46	0.00246			
593861.80	4245160.46	0.00244	593886.80	
4245160.46	0.00232			
593911.80	4245160.46	0.00212	593936.80	
4245160.46	0.00186			
593961.80	4245160.46	0.00156	593986.80	
4245160.46	0.00126			
594011.80	4245160.46	0.00100	594036.80	
4245160.46	0.00079			

594061.80	4245160.46	0.00062	594086.80
4245160.46	0.00049		
594111.80	4245160.46	0.00040	594136.80
4245160.46	0.00033		
594161.80	4245160.46	0.00027	594186.80
4245160.46	0.00023		
594211.80	4245160.46	0.00020	594236.80
4245160.46	0.00018		
594261.80	4245160.46	0.00016	594286.80
4245160.46	0.00014		
594311.80	4245160.46	0.00013	594336.80
4245160.46	0.00012		
593736.80	4245185.46	0.00207	593761.80
4245185.46	0.00239		
593786.80	4245185.46	0.00266	593811.80
4245185.46	0.00284		
593836.80	4245185.46	0.00290	593861.80
4245185.46	0.00286		
593886.80	4245185.46	0.00271	593911.80
4245185.46	0.00246		
593936.80	4245185.46	0.00212	593961.80
4245185.46	0.00174		
593986.80	4245185.46	0.00138	594011.80
4245185.46	0.00107		
594036.80	4245185.46	0.00082	594061.80
4245185.46	0.00064		
594086.80	4245185.46	0.00051	594111.80
4245185.46	0.00041		
594136.80	4245185.46	0.00034	594161.80
4245185.46	0.00028		
594186.80	4245185.46	0.00024	594211.80
4245185.46	0.00021		
594236.80	4245185.46	0.00018	594261.80
4245185.46	0.00016		
594286.80	4245185.46	0.00015	594311.80
4245185.46	0.00013		
594336.80	4245185.46	0.00012	593736.80
4245210.46	0.00242		
593761.80	4245210.46	0.00284	593786.80
4245210.46	0.00319		
593811.80	4245210.46	0.00341	593836.80
4245210.46	0.00348		
593861.80	4245210.46	0.00341	593886.80
4245210.46	0.00321		
593911.80	4245210.46	0.00288	593936.80
4245210.46	0.00245		





594186.80	4245235.46	0.00026	594211.80
4245235.46	0.00023		
594236.80	4245235.46	0.00020	594261.80
4245235.46	0.00018		
594286.80	4245235.46	0.00016	594311.80
4245235.46	0.00014		
594336.80	4245235.46	0.00013	593736.80
4245260.46	0.00349		
593761.80	4245260.46	0.00430	593786.80
4245260.46	0.00492		
593811.80	4245260.46	0.00525	593836.80
4245260.46	0.00533		
593861.80	4245260.46	0.00519	593886.80
4245260.46	0.00484		
593911.80	4245260.46	0.00426	593936.80
4245260.46	0.00346		
593961.80	4245260.46	0.00258	593986.80
4245260.46	0.00184		
594011.80	4245260.46	0.00131	594036.80
4245260.46	0.00096		
594061.80	4245260.46	0.00073	594086.80
4245260.46	0.00057		
594111.80	4245260.46	0.00046	594136.80
4245260.46	0.00038		
594161.80	4245260.46	0.00032	594186.80
4245260.46	0.00028		
594211.80	4245260.46	0.00024	594236.80
4245260.46	0.00021		
594261.80	4245260.46	0.00019	594286.80
4245260.46	0.00017		
594311.80	4245260.46	0.00015	594336.80
4245260.46	0.00014		
593736.80	4245285.46	0.00438	593761.80
4245285.46	0.00559		
593786.80	4245285.46	0.00644	593811.80
4245285.46	0.00685		
593836.80	4245285.46	0.00693	593861.80
4245285.46	0.00674		
593886.80	4245285.46	0.00627	593911.80
4245285.46	0.00548		
593936.80	4245285.46	0.00432	593961.80
4245285.46	0.00302		
593986.80	4245285.46	0.00204	594011.80
4245285.46	0.00142		
594036.80	4245285.46	0.00103	594061.80
4245285.46	0.00077		

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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 130

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
COORD (M)	COORD (M)			COORD (M)
594086.80	4245285.46	0.00061	594111.80	
4245285.46	0.00049			
594136.80	4245285.46	0.00040	594161.80	
4245285.46	0.00034			
594186.80	4245285.46	0.00029	594211.80	
4245285.46	0.00025			
594236.80	4245285.46	0.00022	594261.80	
4245285.46	0.00020			
594286.80	4245285.46	0.00018	594311.80	
4245285.46	0.00016			
594336.80	4245285.46	0.00014	593736.80	
4245310.46	0.00577			
593761.80	4245310.46	0.00776	593786.80	
4245310.46	0.00893			
593811.80	4245310.46	0.00943	593836.80	
4245310.46	0.00952			
593861.80	4245310.46	0.00926	593886.80	
4245310.46	0.00865			
593911.80	4245310.46	0.00754	593936.80	
4245310.46	0.00569			
593961.80	4245310.46	0.00361	593986.80	
4245310.46	0.00228			
594011.80	4245310.46	0.00154	594036.80	
4245310.46	0.00110			
594061.80	4245310.46	0.00083	594086.80	
4245310.46	0.00065			
594111.80	4245310.46	0.00052	594136.80	
4245310.46	0.00043			
594161.80	4245310.46	0.00036	594186.80	
4245310.46	0.00031			
594211.80	4245310.46	0.00027	594236.80	
4245310.46	0.00023			
594261.80	4245310.46	0.00021	594286.80	
4245310.46	0.00018			

594311.80	4245310.46	0.00016	594336.80
4245310.46	0.00015		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 131

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
593714.79	4245350.46	0.97655	(10010808)	593714.74
4245372.83	0.91464 (10010808)			
593714.65	4245417.59	0.73750	(12121908)	593714.60
4245439.96	0.73662 (12121908)			
593714.56	4245462.34	0.77078	(12122108)	593714.46
4245507.09	0.91667 (12122108)			
593714.42	4245529.47	0.94754	(12122108)	593714.37
4245551.85	0.98066 (12122108)			
593689.74	4245372.78	0.90583	(10010808)	593689.65
4245417.54	0.83404 (12121908)			
593689.60	4245439.91	0.83321	(12121908)	593689.56
4245462.29	0.82496 (12121908)			
593689.46	4245507.04	0.92271	(12122108)	593689.42
4245529.42	0.97007 (12122108)			
593689.37	4245551.80	1.01247	(12122108)	593664.74
4245372.73	0.89098 (12121908)			
593664.70	4245395.11	0.89931	(12121908)	593664.65
4245417.48	0.90050 (12121908)			
593664.60	4245439.86	0.89837	(12121908)	593664.51
4245484.61	0.86584 (10120808)			
593664.46	4245506.99	0.88236	(10120808)	593664.42
4245529.37	0.93492 (12122108)			
593639.74	4245372.68	0.92754	(12121908)	593639.70
4245395.05	0.93731 (12121908)			
593639.65	4245417.43	0.93803	(12121908)	593639.60
4245439.81	0.93391 (12121908)			
593639.51	4245484.56	0.88384	(10120808)	593639.46
4245506.94	0.91043 (10120808)			
593639.42	4245529.31	0.91770	(10120808)	593614.74
4245372.63	0.94411 (12121908)			
593614.70	4245395.00	0.95517	(12121908)	593614.65
4245417.38	0.95490 (12121908)			
593614.60	4245439.76	0.94691	(12121908)	593614.51
4245484.51	0.85846 (10120808)			

593614.46	4245506.89	0.92158	(10120808)	593614.42
4245529.26	0.93605 (10120808)			
593589.74	4245372.57	0.94707	(12121908)	593589.70
4245394.95	0.95877 (12121908)			
593589.65	4245417.33	0.95704	(12121908)	593589.56
4245462.08	0.89740 (12121908)			
593589.51	4245484.46	0.79748	(10120808)	593589.46
4245506.83	0.88199 (10120808)			
593589.37	4245551.59	0.92201	(10120808)	593564.74
4245372.52	0.94131 (12121908)			
593564.70	4245394.90	0.95277	(12121908)	593564.65
4245417.28	0.94868 (12121908)			
593564.56	4245462.03	0.86815	(12121908)	593564.51
4245484.41	0.73124 (12121908)			
593564.46	4245506.78	0.80555	(10120808)	593564.37
4245551.54	0.89419 (10120808)			
593539.74	4245372.47	0.93004	(12121908)	593539.70
4245394.85	0.94055 (12121908)			
593539.60	4245439.60	0.90486	(12121908)	593539.56
4245461.98	0.83085 (12121908)			
593539.51	4245484.35	0.67926	(12121908)	593539.42
4245529.11	0.80174 (10120808)			
593539.37	4245551.48	0.83881	(10120808)	593514.74
4245372.42	0.91522 (12121908)			
593514.70	4245394.79	0.92399	(12121908)	593514.60
4245439.55	0.87577 (12121908)			
593514.56	4245461.92	0.78813	(12121908)	593514.51
4245484.30	0.62597 (12121908)			
593514.42	4245529.05	0.75099	(10120808)	593514.37
4245551.43	0.80519 (10120808)			
593489.74	4245372.37	0.89816	(12121908)	593489.65
4245417.12	0.88888 (12121908)			
593489.60	4245439.50	0.84229	(12121908)	593489.56
4245461.87	0.74214 (12121908)			
593489.46	4245506.63	0.58678	(10120808)	593489.42
4245529.00	0.69841 (10120808)			
593489.37	4245551.38	0.77622	(10120808)	593739.32
4245576.90	0.81831 (12122108)			
593784.16	4245576.99	0.85334	(10122108)	593829.01
4245577.09	0.83100 (10122108)			
593873.86	4245577.18	0.81869	(12112908)	593918.70
4245577.27	0.91434 (12011608)			
593721.60	4245594.54	0.79655	(09021308)	593761.69
4245601.95	0.90852 (10122108)			
593806.54	4245602.04	0.90346	(10122108)	593851.38
4245602.13	0.88256 (10122108)			

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 132

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
593896.23	4245602.23	0.88678	(09122308)	593941.08
4245602.32	1.01862 (12011608)			
593721.55	4245619.54	0.79708	(09021308)	593678.94
4245587.13	0.98663 (12122108)			
593761.64	4245626.95	0.90766	(10122108)	593806.48
4245627.04	0.91532 (10122108)			
593851.33	4245627.13	0.88903	(10122108)	593896.18
4245627.23	0.94700 (09122308)			
593941.02	4245627.32	0.98835	(12011608)	593721.50
4245644.54	0.76090 (09021308)			
593686.17	4245629.82	0.69555	(09021308)	593661.23
4245604.77	0.90671 (12122108)			
593646.66	4245569.38	1.00265	(12122108)	593761.59
4245651.95	0.88788 (10122108)			
593806.43	4245652.04	0.90057	(10122108)	593851.28
4245652.13	0.90709 (12021008)			
593896.13	4245652.23	0.97129	(09122308)	593940.97
4245652.32	0.98121 (09122308)			
593721.45	4245669.54	0.73591	(09021308)	593686.12
4245654.82	0.71456 (09021308)			
593643.51	4245622.41	0.81877	(12122108)	593628.94
4245587.03	0.97204 (12122108)			
593761.53	4245676.95	0.87204	(10122108)	593806.38
4245677.04	0.87399 (10122108)			
593851.23	4245677.13	0.90791	(12021008)	593896.07
4245677.23	0.97113 (09122308)			
593940.92	4245677.32	0.98341	(09122308)	593721.40
4245694.54	0.68396 (09021308)			
593686.07	4245679.82	0.71108	(09021308)	593650.75
4245665.10	0.55089 (09021308)			
593625.80	4245640.05	0.73149	(12122108)	593611.23
4245604.67	0.92811 (12122108)			
593761.48	4245701.95	0.85272	(10122108)	593806.33
4245702.04	0.84469 (10122108)			

593851.17	4245702.13	0.90134	(12021008)	593896.02
4245702.23	0.95167 (09122308)			
593940.87	4245702.32	0.97233	(09122308)	593718.40
4245718.31	0.64860 (10122108)			
593677.19	4245701.14	0.68542	(09021308)	593635.97
4245683.97	0.50661 (09021308)			
593606.87	4245654.74	0.67522	(12122108)	593589.87
4245613.46	0.89011 (12122108)			
593761.43	4245726.95	0.82630	(10122108)	593806.28
4245727.04	0.82357 (10122108)			
593851.12	4245727.13	0.88584	(12021008)	593895.97
4245727.23	0.91720 (12021008)			
593940.82	4245727.32	0.95235	(09122308)	593718.77
4245743.49	0.64921 (10122108)			
593678.40	4245726.67	0.65993	(09021308)	593638.03
4245709.85	0.56809 (09021308)			
593589.33	4245672.81	0.59511	(12122108)	593572.68
4245632.36	0.83709 (12122108)			
593556.02	4245591.92	0.91068	(10120808)	593761.38
4245751.95	0.79601 (10122108)			
593806.22	4245752.04	0.79203	(10122108)	593851.07
4245752.13	0.85633 (12021008)			
593895.92	4245752.23	0.89500	(12021008)	593940.76
4245752.32	0.92728 (09122308)			
593719.03	4245768.62	0.64444	(10122108)	593679.29
4245752.06	0.61986 (09021308)			
593639.55	4245735.50	0.59935	(09021308)	593599.81
4245718.95	0.38702 (09021308)			
593571.74	4245690.76	0.52283	(12122108)	593555.35
4245650.95	0.77717 (12122108)			
593538.96	4245611.14	0.85434	(10120808)	593761.33
4245776.95	0.76647 (10122108)			
593806.17	4245777.04	0.75733	(10010108)	593851.02
4245777.13	0.82437 (10010108)			
593895.87	4245777.23	0.87041	(12021008)	593940.71
4245777.32	0.89788 (09122308)			
593719.22	4245793.72	0.63621	(10122108)	593679.97
4245777.37	0.57083 (09021308)			
593640.73	4245761.02	0.60193	(09021308)	593601.48
4245744.66	0.45327 (09021308)			
593554.13	4245708.65	0.45883	(12122108)	593537.94
4245669.33	0.71439 (12122108)			
593521.75	4245630.01	0.77302	(12122108)	593505.56
4245590.70	0.86956 (10120808)			
593761.27	4245801.95	0.73815	(10122108)	593806.12
4245802.04	0.72260 (10010108)			



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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 133

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
593850.97	4245802.13	0.79901	(10010108)	593895.81
4245802.23	0.84439 (12021008)			
593940.66	4245802.32	0.86482	(09122308)	593966.18
4245552.32	0.92486 (13120508)			
593966.18	4245529.80	0.97906	(13120508)	593966.18
4245507.28	0.97074 (13120508)			
593966.18	4245484.77	0.95911	(13120508)	593966.18
4245462.25	0.94556 (11011408)			
593966.18	4245439.73	0.96549	(11011408)	593966.18
4245417.21	0.96320 (11011408)			
593966.18	4245394.70	0.94921	(11011408)	593966.18
4245372.18	0.92401 (11011408)			
593966.18	4245349.66	0.85582	(11011408)	593983.84
4245570.02	0.98731 (12012408)			
593991.18	4245529.80	0.99020	(13120508)	593991.18
4245507.28	0.98116 (13120508)			
593991.18	4245484.77	0.96478	(13120508)	593991.18
4245462.25	0.94588 (10121608)			
593991.18	4245439.73	0.96569	(11011408)	593991.18
4245417.21	0.97053 (11011408)			
593991.18	4245394.70	0.96197	(11011408)	593991.18
4245372.18	0.94287 (11011408)			
594008.84	4245570.02	0.88816	(12012408)	593976.45
4245612.71	1.10334 (12011608)			
594016.18	4245529.80	0.95964	(13120508)	594016.18
4245507.28	0.95077 (13120508)			
594016.18	4245484.77	0.93720	(10121608)	594016.18
4245462.25	0.91500 (10121608)			
594016.18	4245439.73	0.92645	(11011408)	594016.18
4245417.21	0.93928 (11011408)			
594016.18	4245394.70	0.93571	(11011408)	594016.18
4245372.18	0.92468 (11011408)			
594016.18	4245349.66	0.86541	(11011408)	594033.84
4245570.02	0.78629 (13120508)			

594019.16	4245605.41	1.03000	(12012408)	593994.11
4245630.41	1.10606 (10120208)			
594041.18	4245529.80	0.91825	(13120508)	594041.18
4245507.28	0.90992 (10121608)			
594041.18	4245484.77	0.89539	(10121608)	594041.18
4245462.25	0.86698 (10121608)			
594041.18	4245439.73	0.87083	(11011408)	594041.18
4245417.21	0.89563 (11011408)			
594041.18	4245394.70	0.89910	(11011408)	594041.18
4245372.18	0.88854 (11011408)			
594058.84	4245570.02	0.77642	(13120508)	594044.16
4245605.41	0.88750 (12012408)			
594011.77	4245648.10	1.08658	(10120208)	593976.34
4245662.71	1.01096 (12011608)			
594066.18	4245529.80	0.87350	(13120508)	594066.18
4245507.28	0.86894 (10121608)			
594066.18	4245484.77	0.85278	(10121608)	594066.18
4245462.25	0.81677 (10121608)			
594066.18	4245439.73	0.80915	(11011408)	594066.18
4245417.21	0.84548 (11011408)			
594066.18	4245394.70	0.85605	(11011408)	594066.18
4245372.18	0.84994 (11011408)			
594066.18	4245349.66	0.80945	(11011408)	594083.84
4245570.02	0.75740 (13120508)			
594069.16	4245605.41	0.72317	(12012408)	594054.48
4245640.80	0.98086 (12012408)			
594029.42	4245665.80	1.05652	(10120208)	593994.00
4245680.41	1.00321 (12011608)			
594091.18	4245529.80	0.82632	(13120508)	594091.18
4245507.28	0.82314 (10121608)			
594091.18	4245484.77	0.80543	(10121608)	594091.18
4245462.25	0.76205 (10121608)			
594091.18	4245439.73	0.74408	(11011408)	594091.18
4245417.21	0.79322 (11011408)			
594091.18	4245394.70	0.81145	(11011408)	594091.18
4245372.18	0.81027 (11011408)			
594107.62	4245572.97	0.72299	(13120508)	594090.49
4245614.26	0.62926 (12012408)			
594073.36	4245655.55	0.93024	(12012408)	594044.13
4245684.71	1.02099 (10120208)			
594002.81	4245701.76	0.94867	(12011608)	594116.18
4245529.80	0.78092 (13120508)			
594116.18	4245507.28	0.77809	(10121608)	594116.18
4245484.77	0.75524 (10121608)			
594116.18	4245462.25	0.70422	(10121608)	594116.18
4245439.73	0.67773 (11011408)			

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View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 134

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*  
VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
, VOL3 , VOL4 , VOL5 ,  
VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
, VOL11 , VOL12 , VOL13 ,  
VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
, VOL19 , VOL20 , VOL21 ,  
VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
, VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
594116.18	4245417.21	0.74032	(11011408)	594116.18
4245394.70	0.76808 (11011408)			
594116.18	4245372.18	0.77164	(11011408)	594116.18
4245349.66	0.74717 (11011408)			
594132.79	4245572.54	0.70209	(13120508)	594116.01
4245612.99	0.46664 (13120508)			
594099.23	4245653.44	0.76894	(12012408)	594062.21
4245702.24	0.98298 (10120208)			
594021.73	4245718.93	0.93959	(12011608)	593981.25
4245735.62	0.85100 (09122308)			
594141.18	4245529.80	0.73892	(10121608)	594141.18
4245507.28	0.73477 (10121608)			
594141.18	4245484.77	0.70605	(10121608)	594141.18
4245462.25	0.64801 (10121608)			
594141.18	4245439.73	0.61205	(11011408)	594141.18
4245417.21	0.68496 (11011408)			
594141.18	4245394.70	0.72280	(11011408)	594141.18
4245372.18	0.73314 (11011408)			
594141.18	4245349.66	0.71596	(11011408)	594157.92
4245572.23	0.67862 (13120508)			
594141.41	4245612.04	0.49458	(13120508)	594124.89
4245651.86	0.59979 (12012408)			
594108.37	4245691.68	0.85930	(12012408)	594080.19
4245719.80	0.94221 (10120208)			
594040.34	4245736.24	0.92316	(12011608)	594000.49
4245752.67	0.73604 (09122308)			
594166.18	4245529.80	0.70163	(10121608)	594166.18
4245507.28	0.69298 (10121608)			
594166.18	4245484.77	0.65855	(10121608)	594166.18
4245462.25	0.59363 (10121608)			
594166.18	4245439.73	0.54985	(11011408)	594166.18
4245417.21	0.63099 (11011408)			
594166.18	4245394.70	0.67782	(11011408)	594166.18
4245372.18	0.69573 (11011408)			

594183.02	4245571.98	0.65370	(13120508)	594166.71
4245611.31	0.51111 (13120508)			
594150.40	4245650.63	0.44153	(12012408)	594134.09
4245689.96	0.71546 (12012408)			
594098.09	4245737.40	0.90231	(10120208)	594058.74
4245753.63	0.90237 (12011608)			
594019.38	4245769.86	0.70955	(12011608)	593980.02
4245786.09	0.85026 (09122308)			
594191.18	4245529.80	0.66671	(10121608)	594191.18
4245507.28	0.65305 (10121608)			
594191.18	4245484.77	0.61235	(10121608)	594191.18
4245462.25	0.54133 (10121608)			
594191.18	4245439.73	0.49192	(11011408)	594191.18
4245417.21	0.57844 (11011408)			
594191.18	4245394.70	0.63257	(11011408)	594191.18
4245372.18	0.65686 (11011408)			
594191.18	4245349.66	0.65068	(11011408)	593736.80
4244710.46	0.57089 (13120908)			
593761.80	4244710.46	0.53465	(13120908)	593786.80
4244710.46	0.52975 (13012408)			
593811.80	4244710.46	0.53284	(13012408)	593836.80
4244710.46	0.50271 (13012408)			
593861.80	4244710.46	0.44189	(13012408)	593886.80
4244710.46	0.38713 (11122808)			
593911.80	4244710.46	0.38641	(12010508)	593936.80
4244710.46	0.36765 (12010508)			
593961.80	4244710.46	0.38000	(10120708)	593986.80
4244710.46	0.37665 (10120708)			
594011.80	4244710.46	0.35838	(11121908)	594036.80
4244710.46	0.37086 (11121908)			
594061.80	4244710.46	0.36009	(11121908)	594086.80
4244710.46	0.36152 (09012708)			
594111.80	4244710.46	0.36998	(09012708)	594136.80
4244710.46	0.35538 (09012708)			
594161.80	4244710.46	0.34136	(10122708)	594186.80
4244710.46	0.39688 (10122708)			
594211.80	4244710.46	0.43686	(10122708)	594236.80
4244710.46	0.45619 (10122708)			
594261.80	4244710.46	0.45282	(10122708)	594286.80
4244710.46	0.42720 (10122708)			
594311.80	4244710.46	0.38369	(10122708)	594336.80
4244710.46	0.32769 (10122708)			
593736.80	4244735.46	0.58940	(13120908)	593761.80
4244735.46	0.55758 (13120908)			
593786.80	4244735.46	0.54348	(13012408)	593811.80
4244735.46	0.54837 (13012408)			

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 135

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
593836.80	4244735.46	0.51899	(13012408)	593861.80
4244735.46	0.45769 (13012408)			
593886.80	4244735.46	0.39856	(11122808)	593911.80
4244735.46	0.39689 (12010508)			
593936.80	4244735.46	0.37567	(10120708)	593961.80
4244735.46	0.39255 (10120708)			
593986.80	4244735.46	0.38488	(10120708)	594011.80
4244735.46	0.37511 (11121908)			
594036.80	4244735.46	0.38173	(11121908)	594061.80
4244735.46	0.36437 (11121908)			
594086.80	4244735.46	0.37844	(09012708)	594111.80
4244735.46	0.37881 (09012708)			
594136.80	4244735.46	0.35520	(09012708)	594161.80
4244735.46	0.38392 (10122708)			
594186.80	4244735.46	0.43440	(10122708)	594211.80
4244735.46	0.46511 (10122708)			
594236.80	4244735.46	0.47232	(10122708)	594261.80
4244735.46	0.45583 (10122708)			
594286.80	4244735.46	0.41738	(10122708)	594311.80
4244735.46	0.36348 (10122708)			
594336.80	4244735.46	0.30083	(10122708)	593736.80
4244760.46	0.60780 (13120908)			
593761.80	4244760.46	0.58077	(13120908)	593786.80
4244760.46	0.55764 (13012408)			
593811.80	4244760.46	0.56440	(13012408)	593836.80
4244760.46	0.53604 (13012408)			
593861.80	4244760.46	0.47436	(13012408)	593886.80
4244760.46	0.41038 (11122808)			
593911.80	4244760.46	0.40765	(12010508)	593936.80
4244760.46	0.39164 (10120708)			
593961.80	4244760.46	0.40485	(10120708)	593986.80
4244760.46	0.39258 (10120708)			
594011.80	4244760.46	0.39110	(11121908)	594036.80
4244760.46	0.39144 (11121908)			

594061.80	4244760.46	0.37726	(09012708)	594086.80
4244760.46	0.39336 (09012708)			
594111.80	4244760.46	0.38479	(09012708)	594136.80
4244760.46	0.36646 (10122708)			
594161.80	4244760.46	0.42618	(10122708)	594186.80
4244760.46	0.46917 (10122708)			
594211.80	4244760.46	0.48855	(10122708)	594236.80
4244760.46	0.48185 (10122708)			
594261.80	4244760.46	0.45142	(10122708)	594286.80
4244760.46	0.40029 (10122708)			
594311.80	4244760.46	0.33744	(10122708)	594336.80
4244760.46	0.27021 (10122708)			
593736.80	4244785.46	0.62616	(13120908)	593761.80
4244785.46	0.60422 (13120908)			
593786.80	4244785.46	0.57232	(13012408)	593811.80
4244785.46	0.58093 (13012408)			
593836.80	4244785.46	0.55383	(13012408)	593861.80
4244785.46	0.49205 (13012408)			
593886.80	4244785.46	0.42262	(11122808)	593911.80
4244785.46	0.41869 (12010508)			
593936.80	4244785.46	0.40757	(10120708)	593961.80
4244785.46	0.41675 (10120708)			
593986.80	4244785.46	0.39963	(10120708)	594011.80
4244785.46	0.40617 (11121908)			
594036.80	4244785.46	0.39977	(11121908)	594061.80
4244785.46	0.39797 (09012708)			
594086.80	4244785.46	0.40577	(09012708)	594111.80
4244785.46	0.38760 (09012708)			
594136.80	4244785.46	0.41339	(10122708)	594161.80
4244785.46	0.46710 (10122708)			
594186.80	4244785.46	0.49979	(10122708)	594211.80
4244785.46	0.50557 (10122708)			
594236.80	4244785.46	0.48384	(10122708)	594261.80
4244785.46	0.43913 (10122708)			
594286.80	4244785.46	0.37673	(10122708)	594311.80
4244785.46	0.30681 (10122708)			
594336.80	4244785.46	0.23685	(10122708)	593736.80
4244810.46	0.64426 (13120908)			
593761.80	4244810.46	0.62779	(13120908)	593786.80
4244810.46	0.58742 (13012408)			
593811.80	4244810.46	0.59796	(13012408)	593836.80
4244810.46	0.57245 (13012408)			
593861.80	4244810.46	0.51097	(13012408)	593886.80
4244810.46	0.43523 (11122808)			
593911.80	4244810.46	0.42995	(12010508)	593936.80
4244810.46	0.42344 (10120708)			

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 136

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
593961.80	4244810.46	0.42839	(10120708)	593986.80
4244810.46	0.40714 (11121908)			
594011.80	4244810.46	0.42021	(11121908)	594036.80
4244810.46	0.40690 (11121908)			
594061.80	4244810.46	0.41726	(09012708)	594086.80
4244810.46	0.41563 (09012708)			
594111.80	4244810.46	0.39502	(10122708)	594136.80
4244810.46	0.46002 (10122708)			
594161.80	4244810.46	0.50483	(10122708)	594186.80
4244810.46	0.52460 (10122708)			
594211.80	4244810.46	0.51476	(10122708)	594236.80
4244810.46	0.47736 (10122708)			
594261.80	4244810.46	0.41848	(10122708)	594286.80
4244810.46	0.34752 (10122708)			
594311.80	4244810.46	0.27223	(10122708)	594336.80
4244810.46	0.20276 (10122708)			
593736.80	4244835.46	0.66196	(13120908)	593761.80
4244835.46	0.65135 (13120908)			
593786.80	4244835.46	0.60295	(13012408)	593811.80
4244835.46	0.61539 (13012408)			
593836.80	4244835.46	0.59150	(13012408)	593861.80
4244835.46	0.53040 (13012408)			
593886.80	4244835.46	0.44817	(11122808)	593911.80
4244835.46	0.44157 (12010508)			
593936.80	4244835.46	0.43921	(10120708)	593961.80
4244835.46	0.43975 (10120708)			
593986.80	4244835.46	0.42645	(11121908)	594011.80
4244835.46	0.43309 (11121908)			
594036.80	4244835.46	0.41750	(09012708)	594061.80
4244835.46	0.43370 (09012708)			
594086.80	4244835.46	0.42207	(09012708)	594111.80
4244835.46	0.44694 (10122708)			
594136.80	4244835.46	0.50486	(10122708)	594161.80
4244835.46	0.53768 (10122708)			

594186.80	4244835.46	0.54208	(10122708)	594211.80
4244835.46	0.51529 (10122708)			
594236.80	4244835.46	0.46194	(10122708)	594261.80
4244835.46	0.39085 (10122708)			
594286.80	4244835.46	0.31293	(10122708)	594311.80
4244835.46	0.23615 (10122708)			
594336.80	4244835.46	0.16902	(10122708)	593736.80
4244860.46	0.67929 (13120908)			
593761.80	4244860.46	0.67463	(13120908)	593786.80
4244860.46	0.62913 (13120908)			
593811.80	4244860.46	0.63339	(13012408)	593836.80
4244860.46	0.61119 (13012408)			
593861.80	4244860.46	0.55071	(13012408)	593886.80
4244860.46	0.46151 (11122808)			
593911.80	4244860.46	0.45355	(12010508)	593936.80
4244860.46	0.45499 (10120708)			
593961.80	4244860.46	0.45101	(10120708)	593986.80
4244860.46	0.44500 (11121908)			
594011.80	4244860.46	0.44483	(11121908)	594036.80
4244860.46	0.44070 (09012708)			
594061.80	4244860.46	0.44745	(09012708)	594086.80
4244860.46	0.42731 (10122708)			
594111.80	4244860.46	0.49832	(10122708)	594136.80
4244860.46	0.54643 (10122708)			
594161.80	4244860.46	0.56447	(10122708)	594186.80
4244860.46	0.55053 (10122708)			
594211.80	4244860.46	0.50612	(10122708)	594236.80
4244860.46	0.43785 (10122708)			
594261.80	4244860.46	0.35675	(10122708)	594286.80
4244860.46	0.27447 (10122708)			
594311.80	4244860.46	0.19941	(10122708)	594336.80
4244860.46	0.13956 (12020308)			
593736.80	4244885.46	0.69620	(13120908)	593761.80
4244885.46	0.69755 (13120908)			
593786.80	4244885.46	0.65787	(13120908)	593811.80
4244885.46	0.65197 (13012408)			
593836.80	4244885.46	0.63161	(13012408)	593861.80
4244885.46	0.57211 (13012408)			
593886.80	4244885.46	0.47535	(12010508)	593911.80
4244885.46	0.46590 (12010508)			
593936.80	4244885.46	0.47055	(10120708)	593961.80
4244885.46	0.46194 (10120708)			
593986.80	4244885.46	0.46259	(11121908)	594011.80
4244885.46	0.45524 (11121908)			
594036.80	4244885.46	0.46166	(09012708)	594061.80
4244885.46	0.45815 (09012708)			



\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 137

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM<sub>10</sub> IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	(YYMMDDHH)	X-COORD (M)
594086.80	4244885.46	0.48434	(10122708)	594111.80
4244885.46	0.54724 (10122708)			
594136.80	4244885.46	0.58233	(10122708)	594161.80
4244885.46	0.58313 (10122708)			
594186.80	4244885.46	0.54882	(10122708)	594211.80
4244885.46	0.48698 (10122708)			
594236.80	4244885.46	0.40557	(10122708)	594261.80
4244885.46	0.31768 (10122708)			
594286.80	4244885.46	0.23427	(10122708)	594311.80
4244885.46	0.16342 (10122708)			
594336.80	4244885.46	0.13656	(12020308)	593736.80
4244910.46	0.71270 (13120908)			
593761.80	4244910.46	0.72020	(13120908)	593786.80
4244910.46	0.68667 (13120908)			
593811.80	4244910.46	0.67103	(13012408)	593836.80
4244910.46	0.65263 (13012408)			
593861.80	4244910.46	0.59452	(13012408)	593886.80
4244910.46	0.49187 (13012408)			
593911.80	4244910.46	0.47879	(12010508)	593936.80
4244910.46	0.48598 (10120708)			
593961.80	4244910.46	0.47256	(10120708)	593986.80
4244910.46	0.47909 (11121908)			
594011.80	4244910.46	0.46382	(11121908)	594036.80
4244910.46	0.47993 (09012708)			
594061.80	4244910.46	0.46538	(09012708)	594086.80
4244910.46	0.54058 (10122708)			
594111.80	4244910.46	0.59199	(10122708)	594136.80
4244910.46	0.61041 (10122708)			
594161.80	4244910.46	0.59140	(10122708)	594186.80
4244910.46	0.53695 (10122708)			
594211.80	4244910.46	0.45815	(10122708)	594236.80
4244910.46	0.36635 (10122708)			
594261.80	4244910.46	0.27540	(10122708)	594286.80
4244910.46	0.19423 (10122708)			

594311.80	4244910.46	0.14624	(12020308)	594336.80
4244910.46	0.13025 (12020308)			
593736.80	4244935.46	0.72887	(13120908)	593761.80
4244935.46	0.74265 (13120908)			
593786.80	4244935.46	0.71531	(13120908)	593811.80
4244935.46	0.69015 (13012408)			
593836.80	4244935.46	0.67382	(13012408)	593861.80
4244935.46	0.61793 (13012408)			
593886.80	4244935.46	0.51408	(13012408)	593911.80
4244935.46	0.49246 (12010508)			
593936.80	4244935.46	0.50159	(10120708)	593961.80
4244935.46	0.48803 (11121908)			
593986.80	4244935.46	0.49443	(11121908)	594011.80
4244935.46	0.48900 (09012708)			
594036.80	4244935.46	0.49539	(09012708)	594061.80
4244935.46	0.52690 (10122708)			
594086.80	4244935.46	0.59397	(10122708)	594111.80
4244935.46	0.63016 (10122708)			
594136.80	4244935.46	0.62882	(10122708)	594161.80
4244935.46	0.58781 (10122708)			
594186.80	4244935.46	0.51506	(10122708)	594211.80
4244935.46	0.42066 (10122708)			
594236.80	4244935.46	0.32198	(10122708)	594261.80
4244935.46	0.23115 (10122708)			
594286.80	4244935.46	0.15667	(12020308)	594311.80
4244935.46	0.14013 (12020308)			
594336.80	4244935.46	0.12081	(12020308)	593736.80
4244960.46	0.74463 (13120908)			
593761.80	4244960.46	0.76465	(13120908)	593786.80
4244960.46	0.74356 (13120908)			
593811.80	4244960.46	0.71033	(13012408)	593836.80
4244960.46	0.69627 (13012408)			
593861.80	4244960.46	0.64231	(13012408)	593886.80
4244960.46	0.53777 (13012408)			
593911.80	4244960.46	0.51161	(10120708)	593936.80
4244960.46	0.51678 (10120708)			
593961.80	4244960.46	0.50930	(11121908)	593986.80
4244960.46	0.50843 (11121908)			
594011.80	4244960.46	0.51143	(09012708)	594036.80
4244960.46	0.50729 (09012708)			
594061.80	4244960.46	0.58861	(10122708)	594086.80
4244960.46	0.64232 (10122708)			
594111.80	4244960.46	0.65974	(10122708)	594136.80
4244960.46	0.63584 (10122708)			
594161.80	4244960.46	0.57177	(10122708)	594186.80
4244960.46	0.48084 (10122708)			

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 138

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
594211.80	4244960.46	0.37592	(10122708)	594236.80
4244960.46	0.27458 (10122708)			
594261.80	4244960.46	0.18778	(10122708)	594286.80
4244960.46	0.15092 (12020308)			
594311.80	4244960.46	0.13047	(12020308)	594336.80
4244960.46	0.10876 (12020308)			
593736.80	4244985.46	0.75995	(13120908)	593761.80
4244985.46	0.78614 (13120908)			
593786.80	4244985.46	0.77119	(13120908)	593811.80
4244985.46	0.73064 (13012408)			
593836.80	4244985.46	0.71872	(13012408)	593861.80
4244985.46	0.66745 (13012408)			
593886.80	4244985.46	0.56302	(13012408)	593911.80
4244985.46	0.53085 (10120708)			
593936.80	4244985.46	0.53197	(10120708)	593961.80
4244985.46	0.52964 (11121908)			
593986.80	4244985.46	0.52126	(11121908)	594011.80
4244985.46	0.53159 (09012708)			
594036.80	4244985.46	0.57455	(10122708)	594061.80
4244985.46	0.64681 (10122708)			
594086.80	4244985.46	0.68335	(10122708)	594111.80
4244985.46	0.67897 (10122708)			
594136.80	4244985.46	0.62978	(10122708)	594161.80
4244985.46	0.54366 (10122708)			
594186.80	4244985.46	0.43650	(10122708)	594211.80
4244985.46	0.32539 (10122708)			
594236.80	4244985.46	0.22644	(10122708)	594261.80
4244985.46	0.16313 (12020308)			
594286.80	4244985.46	0.14112	(12020308)	594311.80
4244985.46	0.11776 (12020308)			
594336.80	4244985.46	0.09480	(12020308)	593736.80
4245010.46	0.79113 (12010208)			
593761.80	4245010.46	0.80710	(13120908)	593786.80
4245010.46	0.79831 (13120908)			

593811.80	4245010.46	0.75161	(13012408)	593836.80
4245010.46	0.74128 (13012408)			
593861.80	4245010.46	0.69350	(13012408)	593886.80
4245010.46	0.59003 (13012408)			
593911.80	4245010.46	0.55000	(10120708)	593936.80
4245010.46	0.54727 (10120708)			
593961.80	4245010.46	0.54911	(11121908)	593986.80
4245010.46	0.54383 (09012708)			
594011.80	4245010.46	0.55229	(10122708)	594036.80
4245010.46	0.64215 (10122708)			
594061.80	4245010.46	0.69917	(10122708)	594086.80
4245010.46	0.71474 (10122708)			
594111.80	4245010.46	0.68503	(10122708)	594136.80
4245010.46	0.60939 (10122708)			
594161.80	4245010.46	0.50304	(10122708)	594186.80
4245010.46	0.38407 (10122708)			
594211.80	4245010.46	0.27209	(10122708)	594236.80
4245010.46	0.17994 (10122708)			
594261.80	4245010.46	0.15334	(12020308)	594286.80
4245010.46	0.12782 (12020308)			
594311.80	4245010.46	0.10276	(12020308)	594336.80
4245010.46	0.07979 (12020308)			
593736.80	4245035.46	0.82521	(12010208)	593761.80
4245035.46	0.82747 (13120908)			
593786.80	4245035.46	0.82425	(13120908)	593811.80
4245035.46	0.78334 (13120908)			
593836.80	4245035.46	0.76411	(13012408)	593861.80
4245035.46	0.72053 (13012408)			
593886.80	4245035.46	0.61904	(13012408)	593911.80
4245035.46	0.56918 (10120708)			
593936.80	4245035.46	0.56260	(10120708)	593961.80
4245035.46	0.56750 (11121908)			
593986.80	4245035.46	0.56955	(09012708)	594011.80
4245035.46	0.62909 (10122708)			
594036.80	4245035.46	0.70544	(10122708)	594061.80
4245035.46	0.74332 (10122708)			
594086.80	4245035.46	0.73448	(10122708)	594111.80
4245035.46	0.67625 (10122708)			
594136.80	4245035.46	0.57433	(10122708)	594161.80
4245035.46	0.45065 (10122708)			
594186.80	4245035.46	0.32646	(10122708)	594211.80
4245035.46	0.21915 (10122708)			
594236.80	4245035.46	0.16691	(12020308)	594261.80
4245035.46	0.13925 (12020308)			
594286.80	4245035.46	0.11179	(12020308)	594311.80
4245035.46	0.08645 (12020308)			

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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 139

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
594336.80	4245035.46	0.06467	(12020308)	593736.80
4245060.46	0.85609 (12010208)			
593761.80	4245060.46	0.84759	(13120908)	593786.80
4245060.46	0.84871 (13120908)			
593811.80	4245060.46	0.81563	(13120908)	593836.80
4245060.46	0.78705 (13012408)			
593861.80	4245060.46	0.74858	(13012408)	593886.80
4245060.46	0.64987 (13012408)			
593911.80	4245060.46	0.58800	(10120708)	593936.80
4245060.46	0.58449 (11121908)			
593961.80	4245060.46	0.58517	(11121908)	593986.80
4245060.46	0.60701 (10122708)			
594011.80	4245060.46	0.70298	(10122708)	594036.80
4245060.46	0.76207 (10122708)			
594061.80	4245060.46	0.77795	(10122708)	594086.80
4245060.46	0.74053 (10122708)			
594111.80	4245060.46	0.65145	(10122708)	594136.80
4245060.46	0.52525 (10122708)			
594161.80	4245060.46	0.38991	(10122708)	594186.80
4245060.46	0.26696 (10122708)			
594211.80	4245060.46	0.18197	(12020308)	594236.80
4245060.46	0.15212 (12020308)			
594261.80	4245060.46	0.12184	(12020308)	594286.80
4245060.46	0.09395 (12020308)			
594311.80	4245060.46	0.06988	(12020308)	594336.80
4245060.46	0.05032 (12020308)			
593736.80	4245085.46	0.88433	(12010208)	593761.80
4245085.46	0.86770 (13120908)			
593786.80	4245085.46	0.87161	(13120908)	593811.80
4245085.46	0.84591 (13120908)			
593836.80	4245085.46	0.80967	(13012408)	593861.80
4245085.46	0.77634 (13012408)			
593886.80	4245085.46	0.68152	(13012408)	593911.80
4245085.46	0.60696 (10120708)			

593936.80	4245085.46	0.60791	(11121908)	593961.80
4245085.46	0.60739 (09012708)			
593986.80	4245085.46	0.69057	(10122708)	594011.80
4245085.46	0.77128 (10122708)			
594036.80	4245085.46	0.81032	(10122708)	594061.80
4245085.46	0.79847 (10122708)			
594086.80	4245085.46	0.72765	(10122708)	594111.80
4245085.46	0.60697 (10122708)			
594136.80	4245085.46	0.46361	(10122708)	594161.80
4245085.46	0.32541 (10122708)			
594186.80	4245085.46	0.20987	(10122708)	594211.80
4245085.46	0.16659 (12020308)			
594236.80	4245085.46	0.13337	(12020308)	594261.80
4245085.46	0.10247 (12020308)			
594286.80	4245085.46	0.07577	(12020308)	594311.80
4245085.46	0.05412 (12020308)			
594336.80	4245085.46	0.05141	(11020108)	593736.80
4245110.46	0.90849 (12010208)			
593761.80	4245110.46	0.88959	(12010208)	593786.80
4245110.46	0.89283 (13120908)			
593811.80	4245110.46	0.87455	(13120908)	593836.80
4245110.46	0.83211 (13012408)			
593861.80	4245110.46	0.80313	(13012408)	593886.80
4245110.46	0.71412 (13012408)			
593911.80	4245110.46	0.62574	(10120708)	593936.80
4245110.46	0.63003 (11121908)			
593961.80	4245110.46	0.66893	(10122708)	593986.80
4245110.46	0.77041 (10122708)			
594011.80	4245110.46	0.83261	(10122708)	594036.80
4245110.46	0.84727 (10122708)			
594061.80	4245110.46	0.80189	(10122708)	594086.80
4245110.46	0.69462 (10122708)			
594111.80	4245110.46	0.54831	(10122708)	594136.80
4245110.46	0.39468 (10122708)			
594161.80	4245110.46	0.26021	(10122708)	594186.80
4245110.46	0.18361 (12020308)			
594211.80	4245110.46	0.14666	(12020308)	594236.80
4245110.46	0.11229 (12020308)			
594261.80	4245110.46	0.08258	(12020308)	594286.80
4245110.46	0.05848 (12020308)			
594311.80	4245110.46	0.05854	(11020108)	594336.80
4245110.46	0.06046 (11020108)			
593736.80	4245135.46	0.92952	(12010208)	593761.80
4245135.46	0.91930 (12010208)			
593786.80	4245135.46	0.91284	(13120908)	593811.80
4245135.46	0.89999 (13120908)			

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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 140

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
593836.80	4245135.46	0.85308	(13012408)	593861.80
4245135.46	0.82947 (13012408)			
593886.80	4245135.46	0.74777	(13012408)	593911.80
4245135.46	0.64548 (10120708)			
593936.80	4245135.46	0.65125	(11121908)	593961.80
4245135.46	0.75898 (10122708)			
593986.80	4245135.46	0.84305	(10122708)	594011.80
4245135.46	0.88346 (10122708)			
594036.80	4245135.46	0.86879	(10122708)	594061.80
4245135.46	0.78495 (10122708)			
594086.80	4245135.46	0.64216	(10122708)	594111.80
4245135.46	0.47641 (10122708)			
594136.80	4245135.46	0.32192	(10122708)	594161.80
4245135.46	0.20307 (12020308)			
594186.80	4245135.46	0.16207	(12020308)	594211.80
4245135.46	0.12358 (12020308)			
594236.80	4245135.46	0.09035	(12020308)	594261.80
4245135.46	0.06442 (11020108)			
594286.80	4245135.46	0.06690	(11020108)	594311.80
4245135.46	0.06845 (11020108)			
594336.80	4245135.46	0.06916	(11020108)	593736.80
4245160.46	0.95079 (12020608)			
593761.80	4245160.46	0.94361	(12010208)	593786.80
4245160.46	0.93020 (13120908)			
593811.80	4245160.46	0.92161	(13120908)	593836.80
4245160.46	0.88349 (13120908)			
593861.80	4245160.46	0.85448	(13012408)	593886.80
4245160.46	0.78098 (13012408)			
593911.80	4245160.46	0.66959	(11121908)	593936.80
4245160.46	0.73695 (10122708)			
593961.80	4245160.46	0.84216	(10122708)	593986.80
4245160.46	0.90535 (10122708)			
594011.80	4245160.46	0.92121	(10122708)	594036.80
4245160.46	0.86991 (10122708)			

594061.80	4245160.46	0.74371	(10122708)	594086.80
4245160.46	0.57110 (10122708)			
594111.80	4245160.46	0.39643	(10122708)	594136.80
4245160.46	0.25042 (10122708)			
594161.80	4245160.46	0.17994	(12020308)	594186.80
4245160.46	0.13669 (12020308)			
594211.80	4245160.46	0.09927	(12020308)	594236.80
4245160.46	0.07459 (11020108)			
594261.80	4245160.46	0.07666	(11020108)	594286.80
4245160.46	0.07768 (11020108)			
594311.80	4245160.46	0.07767	(11020108)	594336.80
4245160.46	0.08748 (11011408)			
593736.80	4245185.46	0.96945	(12020608)	593761.80
4245185.46	0.96129 (12010208)			
593786.80	4245185.46	0.94398	(12010208)	593811.80
4245185.46	0.93873 (13120908)			
593836.80	4245185.46	0.91049	(13120908)	593861.80
4245185.46	0.87648 (13012408)			
593886.80	4245185.46	0.81211	(13012408)	593911.80
4245185.46	0.70309 (10122708)			
593936.80	4245185.46	0.83216	(10122708)	593961.80
4245185.46	0.91438 (10122708)			
593986.80	4245185.46	0.95609	(10122708)	594011.80
4245185.46	0.94264 (10122708)			
594036.80	4245185.46	0.84665	(10122708)	594061.80
4245185.46	0.67682 (10122708)			
594086.80	4245185.46	0.48612	(10122708)	594111.80
4245185.46	0.31513 (10122708)			
594136.80	4245185.46	0.20080	(12020308)	594161.80
4245185.46	0.15205 (12020308)			
594186.80	4245185.46	0.10974	(12020308)	594211.80
4245185.46	0.08673 (11020108)			
594236.80	4245185.46	0.08810	(11020108)	594261.80
4245185.46	0.09487 (11011408)			
594286.80	4245185.46	0.11124	(11011408)	594311.80
4245185.46	0.12786 (11011408)			
594336.80	4245185.46	0.14424	(11011408)	593736.80
4245210.46	0.97974 (12020608)			
593761.80	4245210.46	0.97403	(12020608)	593786.80
4245210.46	0.96255 (12010208)			
593811.80	4245210.46	0.94779	(13120908)	593836.80
4245210.46	0.92808 (13120908)			
593861.80	4245210.46	0.89182	(13012408)	593886.80
4245210.46	0.83932 (13012408)			
593911.80	4245210.46	0.80945	(10122708)	593936.80
4245210.46	0.91461 (10122708)			



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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 141

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)
593961.80	4245210.46	0.97291	(10122708)	593986.80
4245210.46	0.99328 (10122708)			
594011.80	4245210.46	0.93978	(10122708)	594036.80
4245210.46	0.78833 (10122708)			
594061.80	4245210.46	0.58900	(10122708)	594086.80
4245210.46	0.39490 (10122708)			
594111.80	4245210.46	0.23764	(10122708)	594136.80
4245210.46	0.17013 (12020308)			
594161.80	4245210.46	0.12211	(12020308)	594186.80
4245210.46	0.10263 (11011408)			
594211.80	4245210.46	0.12307	(11011408)	594236.80
4245210.46	0.14373 (11011408)			
594261.80	4245210.46	0.16401	(11011408)	594286.80
4245210.46	0.18361 (11011408)			
594311.80	4245210.46	0.20197	(11011408)	594336.80
4245210.46	0.21879 (11011408)			
593736.80	4245235.46	0.98509	(09122408)	593761.80
4245235.46	0.98035 (12020608)			
593786.80	4245235.46	0.96715	(12010208)	593811.80
4245235.46	0.94522 (13120908)			
593836.80	4245235.46	0.93341	(13120908)	593861.80
4245235.46	0.89848 (13012408)			
593886.80	4245235.46	0.85654	(13012408)	593911.80
4245235.46	0.90171 (10122708)			
593936.80	4245235.46	0.98007	(10122708)	593961.80
4245235.46	1.01841 (10122708)			
593986.80	4245235.46	1.01142	(10122708)	594011.80
4245235.46	0.89988 (10122708)			
594036.80	4245235.46	0.70252	(10122708)	594061.80
4245235.46	0.48981 (10122708)			
594086.80	4245235.46	0.30505	(10122708)	594111.80
4245235.46	0.19160 (12020308)			
594136.80	4245235.46	0.13683	(12020308)	594161.80
4245235.46	0.16295 (11011408)			

594186.80	4245235.46	0.18941	(11011408)	594211.80
4245235.46	0.21458 (11011408)			
594236.80	4245235.46	0.23769	(11011408)	594261.80
4245235.46	0.25824 (11011408)			
594286.80	4245235.46	0.27637	(11011408)	594311.80
4245235.46	0.29179 (11011408)			
594336.80	4245235.46	0.30455	(11011408)	593736.80
4245260.46	1.02934 (09122408)			
593761.80	4245260.46	0.96965	(12020608)	593786.80
4245260.46	0.96201 (12020608)			
593811.80	4245260.46	0.94154	(12010208)	593836.80
4245260.46	0.92182 (13120908)			
593861.80	4245260.46	0.89190	(13012408)	593886.80
4245260.46	0.86637 (10122708)			
593911.80	4245260.46	0.97204	(10122708)	593936.80
4245260.46	1.02397 (10122708)			
593961.80	4245260.46	1.04059	(10122708)	593986.80
4245260.46	0.99260 (10122708)			
594011.80	4245260.46	0.82339	(10122708)	594036.80
4245260.46	0.59957 (10122708)			
594061.80	4245260.46	0.38766	(10122708)	594086.80
4245260.46	0.22198 (10122708)			
594111.80	4245260.46	0.22260	(11011408)	594136.80
4245260.46	0.25590 (11011408)			
594161.80	4245260.46	0.28588	(11011408)	594186.80
4245260.46	0.31218 (11011408)			
594211.80	4245260.46	0.33418	(11011408)	594236.80
4245260.46	0.35200 (11011408)			
594261.80	4245260.46	0.36600	(11011408)	594286.80
4245260.46	0.37668 (11011408)			
594311.80	4245260.46	0.38395	(11011408)	594336.80
4245260.46	0.38844 (11011408)			
593736.80	4245285.46	1.03245	(09122408)	593761.80
4245285.46	0.98176 (09122408)			
593786.80	4245285.46	0.93131	(12020608)	593811.80
4245285.46	0.91424 (12020608)			
593836.80	4245285.46	0.93107	(10112508)	593861.80
4245285.46	0.92706 (10112508)			
593886.80	4245285.46	0.93353	(10122708)	593911.80
4245285.46	1.00947 (10122708)			
593936.80	4245285.46	1.03714	(10122708)	593961.80
4245285.46	1.03454 (10122708)			
593986.80	4245285.46	0.92633	(10122708)	594011.80
4245285.46	0.71475 (10122708)			
594036.80	4245285.46	0.48778	(10122708)	594061.80
4245285.46	0.31237 (11011408)			

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 View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
 \*\*\* 15:15:20

PAGE 142

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): VOL1 , VOL2  
 , VOL3 , VOL4 , VOL5 ,  
 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10  
 , VOL11 , VOL12 , VOL13 ,  
 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18  
 , VOL19 , VOL20 , VOL21 ,  
 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26  
 , VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
594086.80	4245285.46	0.35462	(11011408)	594111.80
4245285.46	0.39001 (11011408)			
594136.80	4245285.46	0.41754	(11011408)	594161.80
4245285.46	0.43784 (11011408)			
594186.80	4245285.46	0.45116	(11011408)	594211.80
4245285.46	0.46014 (11011408)			
594236.80	4245285.46	0.46491	(11011408)	594261.80
4245285.46	0.46621 (11011408)			
594286.80	4245285.46	0.46514	(11011408)	594311.80
4245285.46	0.46093 (11011408)			
594336.80	4245285.46	0.45444	(11011408)	593736.80
4245310.46	0.99008 (13021108)			
593761.80	4245310.46	0.95627	(09122408)	593786.80
4245310.46	0.89515 (10112508)			
593811.80	4245310.46	0.94877	(10112508)	593836.80
4245310.46	0.96447 (10112508)			
593861.80	4245310.46	0.96129	(10112508)	593886.80
4245310.46	0.94738 (10122708)			
593911.80	4245310.46	0.99531	(10122708)	593936.80
4245310.46	1.00481 (10122708)			
593961.80	4245310.46	0.98206	(10122708)	593986.80
4245310.46	0.81722 (10122708)			
594011.80	4245310.46	0.59267	(10122708)	594036.80
4245310.46	0.50518 (11011408)			
594061.80	4245310.46	0.54243	(11011408)	594086.80
4245310.46	0.56375 (11011408)			
594111.80	4245310.46	0.57520	(11011408)	594136.80
4245310.46	0.57887 (11011408)			
594161.80	4245310.46	0.57678	(11011408)	594186.80
4245310.46	0.57036 (11011408)			
594211.80	4245310.46	0.56095	(11011408)	594236.80
4245310.46	0.55054 (11011408)			
594261.80	4245310.46	0.53777	(11011408)	594286.80
4245310.46	0.52348 (11011408)			

594311.80	4245310.46	0.50735	(11011408)	594336.80
4245310.46	0.48928	(11011408)		

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 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\* Farm at Alamo Creek Construction  
 \*\*\*                    15:15:20

PAGE 143

\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872

HRS) RESULTS \*\*\*

\*\* CONC OF PM\_10    IN MICROGRAMS/M\*\*3

\*\*

NETWORK

GROUP ID ZHILL, ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ALL	1ST HIGHEST VALUE IS		0.01614 AT (	593873.86, 4245577.18, 25.17,
25.17,	0.00) DC			
	2ND HIGHEST VALUE IS		0.01544 AT (	593829.01, 4245577.09, 25.20,
25.20,	0.00) DC			
	3RD HIGHEST VALUE IS		0.01477 AT (	593918.70, 4245577.27, 25.26,
25.26,	0.00) DC			
	4TH HIGHEST VALUE IS		0.01259 AT (	593784.16, 4245576.99, 25.52,
25.52,	0.00) DC			
	5TH HIGHEST VALUE IS		0.01100 AT (	593896.23, 4245602.23, 25.31,
25.31,	0.00) DC			
	6TH HIGHEST VALUE IS		0.01091 AT (	593851.38, 4245602.13, 25.18,
25.18,	0.00) DC			
	7TH HIGHEST VALUE IS		0.01080 AT (	593966.18, 4245507.28, 25.21,
25.21,	0.00) DC			
	8TH HIGHEST VALUE IS		0.01074 AT (	593966.18, 4245529.80, 25.18,
25.18,	0.00) DC			
	9TH HIGHEST VALUE IS		0.01061 AT (	593966.18, 4245484.77, 25.28,
25.28,	0.00) DC			
	10TH HIGHEST VALUE IS		0.01037 AT (	593966.18, 4245552.32, 25.19,
25.19,	0.00) DC			

\*\*\* RECEPTOR TYPES:    GC = GRIDCART  
                           GP = GRIDPOLR  
                           DC = DISCCART  
                           DP = DISCPOLR

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 144

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF PM\_10 IN MICROGRAMS/M\*\*3

\*\*

NETWORK	DATE	RECEPTOR
GROUP ID	(YYMMDDHH)	
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	
-----		
-----		

ALL HIGH 1ST HIGH VALUE IS 1.10606 ON 10120208: AT ( 593994.11,  
4245630.41, 25.79, 25.79, 0.00) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 18081 \*\*\* \*\*\* C:\Lakes\AERMOD  
View\FarmAtAlamov2\FarmAtAlamov2.isc \*\*\* 06/02/18  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\* Farm at Alamo Creek Construction  
\*\*\* 15:15:20

PAGE 145

\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

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

A Total of 0 Fatal Error Message(s)  
A Total of 0 Warning Message(s)  
A Total of 17402 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
A Total of 13906 Calm Hours Identified  
A Total of 3496 Missing Hours Identified ( 7.97 Percent)

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

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

**Farm at Alamo Specific Plan - Construction Health Risk Assessment - Cancer Risk for Off-Site Residences**

\*HARP - HRACalc v17023 6/3/2018 9:17:23 AM - Cancer Risk, Sorted from Max to Min

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
896	ALL	593836.8	4245310	4.74E-06	6YrCancerDerived_Inh_FAH16to70	4.74E-06
895	ALL	593811.8	4245310	4.69E-06	6YrCancerDerived_Inh_FAH16to70	4.69E-06
897	ALL	593861.8	4245310	4.61E-06	6YrCancerDerived_Inh_FAH16to70	4.61E-06
894	ALL	593786.8	4245310	4.45E-06	6YrCancerDerived_Inh_FAH16to70	4.45E-06
898	ALL	593886.8	4245310	4.31E-06	6YrCancerDerived_Inh_FAH16to70	4.31E-06
893	ALL	593761.8	4245310	3.86E-06	6YrCancerDerived_Inh_FAH16to70	3.86E-06
899	ALL	593911.8	4245310	3.75E-06	6YrCancerDerived_Inh_FAH16to70	3.75E-06
871	ALL	593836.8	4245285	3.45E-06	6YrCancerDerived_Inh_FAH16to70	3.45E-06
870	ALL	593811.8	4245285	3.41E-06	6YrCancerDerived_Inh_FAH16to70	3.41E-06
872	ALL	593861.8	4245285	3.36E-06	6YrCancerDerived_Inh_FAH16to70	3.36E-06
869	ALL	593786.8	4245285	3.21E-06	6YrCancerDerived_Inh_FAH16to70	3.21E-06
873	ALL	593886.8	4245285	3.12E-06	6YrCancerDerived_Inh_FAH16to70	3.12E-06
892	ALL	593736.8	4245310	2.87E-06	6YrCancerDerived_Inh_FAH16to70	2.87E-06
900	ALL	593936.8	4245310	2.83E-06	6YrCancerDerived_Inh_FAH16to70	2.83E-06
868	ALL	593761.8	4245285	2.78E-06	6YrCancerDerived_Inh_FAH16to70	2.78E-06
874	ALL	593911.8	4245285	2.73E-06	6YrCancerDerived_Inh_FAH16to70	2.73E-06
846	ALL	593836.8	4245260	2.65E-06	6YrCancerDerived_Inh_FAH16to70	2.65E-06
845	ALL	593811.8	4245260	2.61E-06	6YrCancerDerived_Inh_FAH16to70	2.61E-06
847	ALL	593861.8	4245260	2.58E-06	6YrCancerDerived_Inh_FAH16to70	2.58E-06
844	ALL	593786.8	4245260	2.45E-06	6YrCancerDerived_Inh_FAH16to70	2.45E-06
848	ALL	593886.8	4245260	2.41E-06	6YrCancerDerived_Inh_FAH16to70	2.41E-06
867	ALL	593736.8	4245285	2.18E-06	6YrCancerDerived_Inh_FAH16to70	2.18E-06
875	ALL	593936.8	4245285	2.15E-06	6YrCancerDerived_Inh_FAH16to70	2.15E-06
843	ALL	593761.8	4245260	2.14E-06	6YrCancerDerived_Inh_FAH16to70	2.14E-06
849	ALL	593911.8	4245260	2.12E-06	6YrCancerDerived_Inh_FAH16to70	2.12E-06
821	ALL	593836.8	4245235	2.12E-06	6YrCancerDerived_Inh_FAH16to70	2.12E-06
820	ALL	593811.8	4245235	2.08E-06	6YrCancerDerived_Inh_FAH16to70	2.08E-06
822	ALL	593861.8	4245235	2.07E-06	6YrCancerDerived_Inh_FAH16to70	2.07E-06
819	ALL	593786.8	4245235	1.95E-06	6YrCancerDerived_Inh_FAH16to70	1.95E-06
823	ALL	593886.8	4245235	1.93E-06	6YrCancerDerived_Inh_FAH16to70	1.93E-06
901	ALL	593961.8	4245310	1.80E-06	6YrCancerDerived_Inh_FAH16to70	1.80E-06
842	ALL	593736.8	4245260	1.74E-06	6YrCancerDerived_Inh_FAH16to70	1.74E-06
796	ALL	593836.8	4245210	1.73E-06	6YrCancerDerived_Inh_FAH16to70	1.73E-06
850	ALL	593936.8	4245260	1.72E-06	6YrCancerDerived_Inh_FAH16to70	1.72E-06
818	ALL	593761.8	4245235	1.72E-06	6YrCancerDerived_Inh_FAH16to70	1.72E-06
824	ALL	593911.8	4245235	1.72E-06	6YrCancerDerived_Inh_FAH16to70	1.72E-06
795	ALL	593811.8	4245210	1.70E-06	6YrCancerDerived_Inh_FAH16to70	1.70E-06
797	ALL	593861.8	4245210	1.70E-06	6YrCancerDerived_Inh_FAH16to70	1.70E-06
798	ALL	593886.8	4245210	1.60E-06	6YrCancerDerived_Inh_FAH16to70	1.60E-06
794	ALL	593786.8	4245210	1.59E-06	6YrCancerDerived_Inh_FAH16to70	1.59E-06
876	ALL	593961.8	4245285	1.50E-06	6YrCancerDerived_Inh_FAH16to70	1.50E-06
771	ALL	593836.8	4245185	1.44E-06	6YrCancerDerived_Inh_FAH16to70	1.44E-06
799	ALL	593911.8	4245210	1.43E-06	6YrCancerDerived_Inh_FAH16to70	1.43E-06



825	ALL	593936.8	4245235	1.43E-06	6YrCancerDerived_Inh_FAH16to70	1.43E-06
817	ALL	593736.8	4245235	1.43E-06	6YrCancerDerived_Inh_FAH16to70	1.43E-06
772	ALL	593861.8	4245185	1.42E-06	6YrCancerDerived_Inh_FAH16to70	1.42E-06
770	ALL	593811.8	4245185	1.41E-06	6YrCancerDerived_Inh_FAH16to70	1.41E-06
793	ALL	593761.8	4245210	1.41E-06	6YrCancerDerived_Inh_FAH16to70	1.41E-06
773	ALL	593886.8	4245185	1.35E-06	6YrCancerDerived_Inh_FAH16to70	1.35E-06
769	ALL	593786.8	4245185	1.32E-06	6YrCancerDerived_Inh_FAH16to70	1.32E-06
851	ALL	593961.8	4245260	1.28E-06	6YrCancerDerived_Inh_FAH16to70	1.28E-06
746	ALL	593836.8	4245160	1.22E-06	6YrCancerDerived_Inh_FAH16to70	1.22E-06
774	ALL	593911.8	4245185	1.22E-06	6YrCancerDerived_Inh_FAH16to70	1.22E-06
800	ALL	593936.8	4245210	1.22E-06	6YrCancerDerived_Inh_FAH16to70	1.22E-06
747	ALL	593861.8	4245160	1.21E-06	6YrCancerDerived_Inh_FAH16to70	1.21E-06
792	ALL	593736.8	4245210	1.20E-06	6YrCancerDerived_Inh_FAH16to70	1.20E-06
745	ALL	593811.8	4245160	1.19E-06	6YrCancerDerived_Inh_FAH16to70	1.19E-06
768	ALL	593761.8	4245185	1.19E-06	6YrCancerDerived_Inh_FAH16to70	1.19E-06
748	ALL	593886.8	4245160	1.15E-06	6YrCancerDerived_Inh_FAH16to70	1.15E-06
902	ALL	593986.8	4245310	1.13E-06	6YrCancerDerived_Inh_FAH16to70	1.13E-06
744	ALL	593786.8	4245160	1.13E-06	6YrCancerDerived_Inh_FAH16to70	1.13E-06
826	ALL	593961.8	4245235	1.12E-06	6YrCancerDerived_Inh_FAH16to70	1.12E-06
721	ALL	593836.8	4245135	1.06E-06	6YrCancerDerived_Inh_FAH16to70	1.06E-06
749	ALL	593911.8	4245160	1.06E-06	6YrCancerDerived_Inh_FAH16to70	1.06E-06
775	ALL	593936.8	4245185	1.06E-06	6YrCancerDerived_Inh_FAH16to70	1.06E-06
722	ALL	593861.8	4245135	1.05E-06	6YrCancerDerived_Inh_FAH16to70	1.05E-06
767	ALL	593736.8	4245185	1.03E-06	6YrCancerDerived_Inh_FAH16to70	1.03E-06
720	ALL	593811.8	4245135	1.03E-06	6YrCancerDerived_Inh_FAH16to70	1.03E-06
743	ALL	593761.8	4245160	1.02E-06	6YrCancerDerived_Inh_FAH16to70	1.02E-06
877	ALL	593986.8	4245285	1.02E-06	6YrCancerDerived_Inh_FAH16to70	1.02E-06
723	ALL	593886.8	4245135	1.00E-06	6YrCancerDerived_Inh_FAH16to70	1.00E-06
801	ALL	593961.8	4245210	9.76E-07	6YrCancerDerived_Inh_FAH16to70	9.76E-07
719	ALL	593786.8	4245135	9.66E-07	6YrCancerDerived_Inh_FAH16to70	9.66E-07
724	ALL	593911.8	4245135	9.26E-07	6YrCancerDerived_Inh_FAH16to70	9.26E-07
750	ALL	593936.8	4245160	9.26E-07	6YrCancerDerived_Inh_FAH16to70	9.26E-07
696	ALL	593836.8	4245110	9.16E-07	6YrCancerDerived_Inh_FAH16to70	9.16E-07
852	ALL	593986.8	4245260	9.16E-07	6YrCancerDerived_Inh_FAH16to70	9.16E-07
697	ALL	593861.8	4245110	9.11E-07	6YrCancerDerived_Inh_FAH16to70	9.11E-07
695	ALL	593811.8	4245110	8.91E-07	6YrCancerDerived_Inh_FAH16to70	8.91E-07
742	ALL	593736.8	4245160	8.91E-07	6YrCancerDerived_Inh_FAH16to70	8.91E-07
698	ALL	593886.8	4245110	8.81E-07	6YrCancerDerived_Inh_FAH16to70	8.81E-07
718	ALL	593761.8	4245135	8.81E-07	6YrCancerDerived_Inh_FAH16to70	8.81E-07
776	ALL	593961.8	4245185	8.66E-07	6YrCancerDerived_Inh_FAH16to70	8.66E-07
694	ALL	593786.8	4245110	8.41E-07	6YrCancerDerived_Inh_FAH16to70	8.41E-07
827	ALL	593986.8	4245235	8.26E-07	6YrCancerDerived_Inh_FAH16to70	8.26E-07
725	ALL	593936.8	4245135	8.21E-07	6YrCancerDerived_Inh_FAH16to70	8.21E-07
699	ALL	593911.8	4245110	8.16E-07	6YrCancerDerived_Inh_FAH16to70	8.16E-07
671	ALL	593836.8	4245085	8.06E-07	6YrCancerDerived_Inh_FAH16to70	8.06E-07
672	ALL	593861.8	4245085	8.01E-07	6YrCancerDerived_Inh_FAH16to70	8.01E-07
670	ALL	593811.8	4245085	7.82E-07	6YrCancerDerived_Inh_FAH16to70	7.82E-07

717 ALL	593736.8	4245135	7.82E-07	6YrCancerDerived_Inh_FAH16to70	7.82E-07
673 ALL	593886.8	4245085	7.77E-07	6YrCancerDerived_Inh_FAH16to70	7.77E-07
751 ALL	593961.8	4245160	7.77E-07	6YrCancerDerived_Inh_FAH16to70	7.77E-07
693 ALL	593761.8	4245110	7.72E-07	6YrCancerDerived_Inh_FAH16to70	7.72E-07
903 ALL	594011.8	4245310	7.67E-07	6YrCancerDerived_Inh_FAH16to70	7.67E-07
802 ALL	593986.8	4245210	7.52E-07	6YrCancerDerived_Inh_FAH16to70	7.52E-07
669 ALL	593786.8	4245085	7.42E-07	6YrCancerDerived_Inh_FAH16to70	7.42E-07
700 ALL	593936.8	4245110	7.37E-07	6YrCancerDerived_Inh_FAH16to70	7.37E-07
674 ALL	593911.8	4245085	7.27E-07	6YrCancerDerived_Inh_FAH16to70	7.27E-07
646 ALL	593836.8	4245060	7.12E-07	6YrCancerDerived_Inh_FAH16to70	7.12E-07
647 ALL	593861.8	4245060	7.12E-07	6YrCancerDerived_Inh_FAH16to70	7.12E-07
878 ALL	594011.8	4245285	7.07E-07	6YrCancerDerived_Inh_FAH16to70	7.07E-07
726 ALL	593961.8	4245135	7.02E-07	6YrCancerDerived_Inh_FAH16to70	7.02E-07
645 ALL	593811.8	4245060	6.92E-07	6YrCancerDerived_Inh_FAH16to70	6.92E-07
648 ALL	593886.8	4245060	6.92E-07	6YrCancerDerived_Inh_FAH16to70	6.92E-07
692 ALL	593736.8	4245110	6.92E-07	6YrCancerDerived_Inh_FAH16to70	6.92E-07
777 ALL	593986.8	4245185	6.87E-07	6YrCancerDerived_Inh_FAH16to70	6.87E-07
668 ALL	593761.8	4245085	6.82E-07	6YrCancerDerived_Inh_FAH16to70	6.82E-07
675 ALL	593936.8	4245085	6.62E-07	6YrCancerDerived_Inh_FAH16to70	6.62E-07
644 ALL	593786.8	4245060	6.57E-07	6YrCancerDerived_Inh_FAH16to70	6.57E-07
649 ALL	593911.8	4245060	6.52E-07	6YrCancerDerived_Inh_FAH16to70	6.52E-07
853 ALL	594011.8	4245260	6.52E-07	6YrCancerDerived_Inh_FAH16to70	6.52E-07
621 ALL	593836.8	4245035	6.37E-07	6YrCancerDerived_Inh_FAH16to70	6.37E-07
622 ALL	593861.8	4245035	6.37E-07	6YrCancerDerived_Inh_FAH16to70	6.37E-07
701 ALL	593961.8	4245110	6.37E-07	6YrCancerDerived_Inh_FAH16to70	6.37E-07
752 ALL	593986.8	4245160	6.27E-07	6YrCancerDerived_Inh_FAH16to70	6.27E-07
623 ALL	593886.8	4245035	6.22E-07	6YrCancerDerived_Inh_FAH16to70	6.22E-07
620 ALL	593811.8	4245035	6.17E-07	6YrCancerDerived_Inh_FAH16to70	6.17E-07
667 ALL	593736.8	4245085	6.12E-07	6YrCancerDerived_Inh_FAH16to70	6.12E-07
643 ALL	593761.8	4245060	6.07E-07	6YrCancerDerived_Inh_FAH16to70	6.07E-07
828 ALL	594011.8	4245235	6.07E-07	6YrCancerDerived_Inh_FAH16to70	6.07E-07
650 ALL	593936.8	4245060	5.97E-07	6YrCancerDerived_Inh_FAH16to70	5.97E-07
624 ALL	593911.8	4245035	5.92E-07	6YrCancerDerived_Inh_FAH16to70	5.92E-07
619 ALL	593786.8	4245035	5.87E-07	6YrCancerDerived_Inh_FAH16to70	5.87E-07
676 ALL	593961.8	4245085	5.77E-07	6YrCancerDerived_Inh_FAH16to70	5.77E-07
727 ALL	593986.8	4245135	5.77E-07	6YrCancerDerived_Inh_FAH16to70	5.77E-07
596 ALL	593836.8	4245010	5.72E-07	6YrCancerDerived_Inh_FAH16to70	5.72E-07
597 ALL	593861.8	4245010	5.72E-07	6YrCancerDerived_Inh_FAH16to70	5.72E-07
803 ALL	594011.8	4245210	5.67E-07	6YrCancerDerived_Inh_FAH16to70	5.67E-07
598 ALL	593886.8	4245010	5.62E-07	6YrCancerDerived_Inh_FAH16to70	5.62E-07
595 ALL	593811.8	4245010	5.58E-07	6YrCancerDerived_Inh_FAH16to70	5.58E-07
642 ALL	593736.8	4245060	5.48E-07	6YrCancerDerived_Inh_FAH16to70	5.48E-07
904 ALL	594036.8	4245310	5.48E-07	6YrCancerDerived_Inh_FAH16to70	5.48E-07
618 ALL	593761.8	4245035	5.43E-07	6YrCancerDerived_Inh_FAH16to70	5.43E-07
625 ALL	593936.8	4245035	5.43E-07	6YrCancerDerived_Inh_FAH16to70	5.43E-07
599 ALL	593911.8	4245010	5.38E-07	6YrCancerDerived_Inh_FAH16to70	5.38E-07
651 ALL	593961.8	4245060	5.33E-07	6YrCancerDerived_Inh_FAH16to70	5.33E-07

702	ALL	593986.8	4245110	5.33E-07	6YrCancerDerived_Inh_FAH16to70	5.33E-07
778	ALL	594011.8	4245185	5.33E-07	6YrCancerDerived_Inh_FAH16to70	5.33E-07
594	ALL	593786.8	4245010	5.28E-07	6YrCancerDerived_Inh_FAH16to70	5.28E-07
571	ALL	593836.8	4244985	5.18E-07	6YrCancerDerived_Inh_FAH16to70	5.18E-07
572	ALL	593861.8	4244985	5.18E-07	6YrCancerDerived_Inh_FAH16to70	5.18E-07
879	ALL	594036.8	4245285	5.13E-07	6YrCancerDerived_Inh_FAH16to70	5.13E-07
573	ALL	593886.8	4244985	5.08E-07	6YrCancerDerived_Inh_FAH16to70	5.08E-07
570	ALL	593811.8	4244985	5.03E-07	6YrCancerDerived_Inh_FAH16to70	5.03E-07
600	ALL	593936.8	4245010	4.98E-07	6YrCancerDerived_Inh_FAH16to70	4.98E-07
753	ALL	594011.8	4245160	4.98E-07	6YrCancerDerived_Inh_FAH16to70	4.98E-07
617	ALL	593736.8	4245035	4.93E-07	6YrCancerDerived_Inh_FAH16to70	4.93E-07
677	ALL	593986.8	4245085	4.93E-07	6YrCancerDerived_Inh_FAH16to70	4.93E-07
574	ALL	593911.8	4244985	4.88E-07	6YrCancerDerived_Inh_FAH16to70	4.88E-07
593	ALL	593761.8	4245010	4.88E-07	6YrCancerDerived_Inh_FAH16to70	4.88E-07
626	ALL	593961.8	4245035	4.88E-07	6YrCancerDerived_Inh_FAH16to70	4.88E-07
569	ALL	593786.8	4244985	4.78E-07	6YrCancerDerived_Inh_FAH16to70	4.78E-07
854	ALL	594036.8	4245260	4.78E-07	6YrCancerDerived_Inh_FAH16to70	4.78E-07
547	ALL	593861.8	4244960	4.73E-07	6YrCancerDerived_Inh_FAH16to70	4.73E-07
546	ALL	593836.8	4244960	4.68E-07	6YrCancerDerived_Inh_FAH16to70	4.68E-07
728	ALL	594011.8	4245135	4.68E-07	6YrCancerDerived_Inh_FAH16to70	4.68E-07
548	ALL	593886.8	4244960	4.63E-07	6YrCancerDerived_Inh_FAH16to70	4.63E-07
575	ALL	593936.8	4244985	4.58E-07	6YrCancerDerived_Inh_FAH16to70	4.58E-07
652	ALL	593986.8	4245060	4.58E-07	6YrCancerDerived_Inh_FAH16to70	4.58E-07
545	ALL	593811.8	4244960	4.53E-07	6YrCancerDerived_Inh_FAH16to70	4.53E-07
829	ALL	594036.8	4245235	4.53E-07	6YrCancerDerived_Inh_FAH16to70	4.53E-07
549	ALL	593911.8	4244960	4.48E-07	6YrCancerDerived_Inh_FAH16to70	4.48E-07
592	ALL	593736.8	4245010	4.48E-07	6YrCancerDerived_Inh_FAH16to70	4.48E-07
601	ALL	593961.8	4245010	4.48E-07	6YrCancerDerived_Inh_FAH16to70	4.48E-07
568	ALL	593761.8	4244985	4.43E-07	6YrCancerDerived_Inh_FAH16to70	4.43E-07
703	ALL	594011.8	4245110	4.38E-07	6YrCancerDerived_Inh_FAH16to70	4.38E-07
522	ALL	593861.8	4244935	4.33E-07	6YrCancerDerived_Inh_FAH16to70	4.33E-07
544	ALL	593786.8	4244960	4.33E-07	6YrCancerDerived_Inh_FAH16to70	4.33E-07
521	ALL	593836.8	4244935	4.28E-07	6YrCancerDerived_Inh_FAH16to70	4.28E-07
627	ALL	593986.8	4245035	4.28E-07	6YrCancerDerived_Inh_FAH16to70	4.28E-07
804	ALL	594036.8	4245210	4.28E-07	6YrCancerDerived_Inh_FAH16to70	4.28E-07
523	ALL	593886.8	4244935	4.23E-07	6YrCancerDerived_Inh_FAH16to70	4.23E-07
550	ALL	593936.8	4244960	4.18E-07	6YrCancerDerived_Inh_FAH16to70	4.18E-07
520	ALL	593811.8	4244935	4.13E-07	6YrCancerDerived_Inh_FAH16to70	4.13E-07
576	ALL	593961.8	4244985	4.13E-07	6YrCancerDerived_Inh_FAH16to70	4.13E-07
678	ALL	594011.8	4245085	4.13E-07	6YrCancerDerived_Inh_FAH16to70	4.13E-07
905	ALL	594061.8	4245310	4.13E-07	6YrCancerDerived_Inh_FAH16to70	4.13E-07
524	ALL	593911.8	4244935	4.08E-07	6YrCancerDerived_Inh_FAH16to70	4.08E-07
567	ALL	593736.8	4244985	4.08E-07	6YrCancerDerived_Inh_FAH16to70	4.08E-07
779	ALL	594036.8	4245185	4.08E-07	6YrCancerDerived_Inh_FAH16to70	4.08E-07
543	ALL	593761.8	4244960	4.03E-07	6YrCancerDerived_Inh_FAH16to70	4.03E-07
519	ALL	593786.8	4244935	3.98E-07	6YrCancerDerived_Inh_FAH16to70	3.98E-07
602	ALL	593986.8	4245010	3.98E-07	6YrCancerDerived_Inh_FAH16to70	3.98E-07

496 ALL	593836.8	4244910	3.93E-07	6YrCancerDerived_Inh_FAH16to70	3.93E-07
497 ALL	593861.8	4244910	3.93E-07	6YrCancerDerived_Inh_FAH16to70	3.93E-07
498 ALL	593886.8	4244910	3.93E-07	6YrCancerDerived_Inh_FAH16to70	3.93E-07
754 ALL	594036.8	4245160	3.93E-07	6YrCancerDerived_Inh_FAH16to70	3.93E-07
525 ALL	593936.8	4244935	3.88E-07	6YrCancerDerived_Inh_FAH16to70	3.88E-07
653 ALL	594011.8	4245060	3.88E-07	6YrCancerDerived_Inh_FAH16to70	3.88E-07
551 ALL	593961.8	4244960	3.83E-07	6YrCancerDerived_Inh_FAH16to70	3.83E-07
880 ALL	594061.8	4245285	3.83E-07	6YrCancerDerived_Inh_FAH16to70	3.83E-07
495 ALL	593811.8	4244910	3.78E-07	6YrCancerDerived_Inh_FAH16to70	3.78E-07
499 ALL	593911.8	4244910	3.78E-07	6YrCancerDerived_Inh_FAH16to70	3.78E-07
518 ALL	593761.8	4244935	3.73E-07	6YrCancerDerived_Inh_FAH16to70	3.73E-07
542 ALL	593736.8	4244960	3.73E-07	6YrCancerDerived_Inh_FAH16to70	3.73E-07
729 ALL	594036.8	4245135	3.73E-07	6YrCancerDerived_Inh_FAH16to70	3.73E-07
577 ALL	593986.8	4244985	3.68E-07	6YrCancerDerived_Inh_FAH16to70	3.68E-07
472 ALL	593861.8	4244885	3.63E-07	6YrCancerDerived_Inh_FAH16to70	3.63E-07
494 ALL	593786.8	4244910	3.63E-07	6YrCancerDerived_Inh_FAH16to70	3.63E-07
628 ALL	594011.8	4245035	3.63E-07	6YrCancerDerived_Inh_FAH16to70	3.63E-07
855 ALL	594061.8	4245260	3.63E-07	6YrCancerDerived_Inh_FAH16to70	3.63E-07
471 ALL	593836.8	4244885	3.58E-07	6YrCancerDerived_Inh_FAH16to70	3.58E-07
473 ALL	593886.8	4244885	3.58E-07	6YrCancerDerived_Inh_FAH16to70	3.58E-07
500 ALL	593936.8	4244910	3.58E-07	6YrCancerDerived_Inh_FAH16to70	3.58E-07
526 ALL	593961.8	4244935	3.58E-07	6YrCancerDerived_Inh_FAH16to70	3.58E-07
704 ALL	594036.8	4245110	3.53E-07	6YrCancerDerived_Inh_FAH16to70	3.53E-07
470 ALL	593811.8	4244885	3.48E-07	6YrCancerDerived_Inh_FAH16to70	3.48E-07
474 ALL	593911.8	4244885	3.48E-07	6YrCancerDerived_Inh_FAH16to70	3.48E-07
552 ALL	593986.8	4244960	3.48E-07	6YrCancerDerived_Inh_FAH16to70	3.48E-07
830 ALL	594061.8	4245235	3.48E-07	6YrCancerDerived_Inh_FAH16to70	3.48E-07
493 ALL	593761.8	4244910	3.43E-07	6YrCancerDerived_Inh_FAH16to70	3.43E-07
517 ALL	593736.8	4244935	3.43E-07	6YrCancerDerived_Inh_FAH16to70	3.43E-07
603 ALL	594011.8	4245010	3.43E-07	6YrCancerDerived_Inh_FAH16to70	3.43E-07
447 ALL	593861.8	4244860	3.38E-07	6YrCancerDerived_Inh_FAH16to70	3.38E-07
679 ALL	594036.8	4245085	3.38E-07	6YrCancerDerived_Inh_FAH16to70	3.38E-07
446 ALL	593836.8	4244860	3.34E-07	6YrCancerDerived_Inh_FAH16to70	3.34E-07
448 ALL	593886.8	4244860	3.34E-07	6YrCancerDerived_Inh_FAH16to70	3.34E-07
469 ALL	593786.8	4244885	3.34E-07	6YrCancerDerived_Inh_FAH16to70	3.34E-07
475 ALL	593936.8	4244885	3.34E-07	6YrCancerDerived_Inh_FAH16to70	3.34E-07
501 ALL	593961.8	4244910	3.34E-07	6YrCancerDerived_Inh_FAH16to70	3.34E-07
805 ALL	594061.8	4245210	3.34E-07	6YrCancerDerived_Inh_FAH16to70	3.34E-07
445 ALL	593811.8	4244860	3.24E-07	6YrCancerDerived_Inh_FAH16to70	3.24E-07
449 ALL	593911.8	4244860	3.24E-07	6YrCancerDerived_Inh_FAH16to70	3.24E-07
527 ALL	593986.8	4244935	3.24E-07	6YrCancerDerived_Inh_FAH16to70	3.24E-07
578 ALL	594011.8	4244985	3.24E-07	6YrCancerDerived_Inh_FAH16to70	3.24E-07
654 ALL	594036.8	4245060	3.24E-07	6YrCancerDerived_Inh_FAH16to70	3.24E-07
906 ALL	594086.8	4245310	3.24E-07	6YrCancerDerived_Inh_FAH16to70	3.24E-07
492 ALL	593736.8	4244910	3.19E-07	6YrCancerDerived_Inh_FAH16to70	3.19E-07
780 ALL	594061.8	4245185	3.19E-07	6YrCancerDerived_Inh_FAH16to70	3.19E-07
422 ALL	593861.8	4244835	3.14E-07	6YrCancerDerived_Inh_FAH16to70	3.14E-07

468 ALL	593761.8	4244885	3.14E-07	6YrCancerDerived_Inh_FAH16to70	3.14E-07
476 ALL	593961.8	4244885	3.14E-07	6YrCancerDerived_Inh_FAH16to70	3.14E-07
421 ALL	593836.8	4244835	3.09E-07	6YrCancerDerived_Inh_FAH16to70	3.09E-07
423 ALL	593886.8	4244835	3.09E-07	6YrCancerDerived_Inh_FAH16to70	3.09E-07
444 ALL	593786.8	4244860	3.09E-07	6YrCancerDerived_Inh_FAH16to70	3.09E-07
450 ALL	593936.8	4244860	3.09E-07	6YrCancerDerived_Inh_FAH16to70	3.09E-07
629 ALL	594036.8	4245035	3.09E-07	6YrCancerDerived_Inh_FAH16to70	3.09E-07
755 ALL	594061.8	4245160	3.09E-07	6YrCancerDerived_Inh_FAH16to70	3.09E-07
424 ALL	593911.8	4244835	3.04E-07	6YrCancerDerived_Inh_FAH16to70	3.04E-07
502 ALL	593986.8	4244910	3.04E-07	6YrCancerDerived_Inh_FAH16to70	3.04E-07
553 ALL	594011.8	4244960	3.04E-07	6YrCancerDerived_Inh_FAH16to70	3.04E-07
881 ALL	594086.8	4245285	3.04E-07	6YrCancerDerived_Inh_FAH16to70	3.04E-07
420 ALL	593811.8	4244835	2.99E-07	6YrCancerDerived_Inh_FAH16to70	2.99E-07
730 ALL	594061.8	4245135	2.99E-07	6YrCancerDerived_Inh_FAH16to70	2.99E-07
443 ALL	593761.8	4244860	2.94E-07	6YrCancerDerived_Inh_FAH16to70	2.94E-07
451 ALL	593961.8	4244860	2.94E-07	6YrCancerDerived_Inh_FAH16to70	2.94E-07
467 ALL	593736.8	4244885	2.94E-07	6YrCancerDerived_Inh_FAH16to70	2.94E-07
604 ALL	594036.8	4245010	2.94E-07	6YrCancerDerived_Inh_FAH16to70	2.94E-07
396 ALL	593836.8	4244810	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
397 ALL	593861.8	4244810	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
398 ALL	593886.8	4244810	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
419 ALL	593786.8	4244835	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
425 ALL	593936.8	4244835	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
528 ALL	594011.8	4244935	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
705 ALL	594061.8	4245110	2.89E-07	6YrCancerDerived_Inh_FAH16to70	2.89E-07
399 ALL	593911.8	4244810	2.84E-07	6YrCancerDerived_Inh_FAH16to70	2.84E-07
477 ALL	593986.8	4244885	2.84E-07	6YrCancerDerived_Inh_FAH16to70	2.84E-07
856 ALL	594086.8	4245260	2.84E-07	6YrCancerDerived_Inh_FAH16to70	2.84E-07
395 ALL	593811.8	4244810	2.79E-07	6YrCancerDerived_Inh_FAH16to70	2.79E-07
579 ALL	594036.8	4244985	2.79E-07	6YrCancerDerived_Inh_FAH16to70	2.79E-07
680 ALL	594061.8	4245085	2.79E-07	6YrCancerDerived_Inh_FAH16to70	2.79E-07
400 ALL	593936.8	4244810	2.74E-07	6YrCancerDerived_Inh_FAH16to70	2.74E-07
418 ALL	593761.8	4244835	2.74E-07	6YrCancerDerived_Inh_FAH16to70	2.74E-07
426 ALL	593961.8	4244835	2.74E-07	6YrCancerDerived_Inh_FAH16to70	2.74E-07
442 ALL	593736.8	4244860	2.74E-07	6YrCancerDerived_Inh_FAH16to70	2.74E-07
503 ALL	594011.8	4244910	2.74E-07	6YrCancerDerived_Inh_FAH16to70	2.74E-07
831 ALL	594086.8	4245235	2.74E-07	6YrCancerDerived_Inh_FAH16to70	2.74E-07
371 ALL	593836.8	4244785	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
372 ALL	593861.8	4244785	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
373 ALL	593886.8	4244785	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
394 ALL	593786.8	4244810	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
452 ALL	593986.8	4244860	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
554 ALL	594036.8	4244960	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
655 ALL	594061.8	4245060	2.69E-07	6YrCancerDerived_Inh_FAH16to70	2.69E-07
374 ALL	593911.8	4244785	2.64E-07	6YrCancerDerived_Inh_FAH16to70	2.64E-07
370 ALL	593811.8	4244785	2.59E-07	6YrCancerDerived_Inh_FAH16to70	2.59E-07
401 ALL	593961.8	4244810	2.59E-07	6YrCancerDerived_Inh_FAH16to70	2.59E-07

478 ALL	594011.8	4244885	2.59E-07	6YrCancerDerived_Inh_FAH16to70	2.59E-07
630 ALL	594061.8	4245035	2.59E-07	6YrCancerDerived_Inh_FAH16to70	2.59E-07
806 ALL	594086.8	4245210	2.59E-07	6YrCancerDerived_Inh_FAH16to70	2.59E-07
907 ALL	594111.8	4245310	2.59E-07	6YrCancerDerived_Inh_FAH16to70	2.59E-07
347 ALL	593861.8	4244760	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
348 ALL	593886.8	4244760	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
375 ALL	593936.8	4244785	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
393 ALL	593761.8	4244810	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
417 ALL	593736.8	4244835	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
427 ALL	593986.8	4244835	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
529 ALL	594036.8	4244935	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
781 ALL	594086.8	4245185	2.54E-07	6YrCancerDerived_Inh_FAH16to70	2.54E-07
346 ALL	593836.8	4244760	2.49E-07	6YrCancerDerived_Inh_FAH16to70	2.49E-07
349 ALL	593911.8	4244760	2.49E-07	6YrCancerDerived_Inh_FAH16to70	2.49E-07
369 ALL	593786.8	4244785	2.49E-07	6YrCancerDerived_Inh_FAH16to70	2.49E-07
605 ALL	594061.8	4245010	2.49E-07	6YrCancerDerived_Inh_FAH16to70	2.49E-07
345 ALL	593811.8	4244760	2.44E-07	6YrCancerDerived_Inh_FAH16to70	2.44E-07
376 ALL	593961.8	4244785	2.44E-07	6YrCancerDerived_Inh_FAH16to70	2.44E-07
453 ALL	594011.8	4244860	2.44E-07	6YrCancerDerived_Inh_FAH16to70	2.44E-07
504 ALL	594036.8	4244910	2.44E-07	6YrCancerDerived_Inh_FAH16to70	2.44E-07
756 ALL	594086.8	4245160	2.44E-07	6YrCancerDerived_Inh_FAH16to70	2.44E-07
882 ALL	594111.8	4245285	2.44E-07	6YrCancerDerived_Inh_FAH16to70	2.44E-07
322 ALL	593861.8	4244735	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
323 ALL	593886.8	4244735	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
350 ALL	593936.8	4244760	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
392 ALL	593736.8	4244810	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
402 ALL	593986.8	4244810	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
580 ALL	594061.8	4244985	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
731 ALL	594086.8	4245135	2.39E-07	6YrCancerDerived_Inh_FAH16to70	2.39E-07
321 ALL	593836.8	4244735	2.34E-07	6YrCancerDerived_Inh_FAH16to70	2.34E-07
324 ALL	593911.8	4244735	2.34E-07	6YrCancerDerived_Inh_FAH16to70	2.34E-07
344 ALL	593786.8	4244760	2.34E-07	6YrCancerDerived_Inh_FAH16to70	2.34E-07
368 ALL	593761.8	4244785	2.34E-07	6YrCancerDerived_Inh_FAH16to70	2.34E-07
428 ALL	594011.8	4244835	2.34E-07	6YrCancerDerived_Inh_FAH16to70	2.34E-07
706 ALL	594086.8	4245110	2.34E-07	6YrCancerDerived_Inh_FAH16to70	2.34E-07
320 ALL	593811.8	4244735	2.29E-07	6YrCancerDerived_Inh_FAH16to70	2.29E-07
351 ALL	593961.8	4244760	2.29E-07	6YrCancerDerived_Inh_FAH16to70	2.29E-07
479 ALL	594036.8	4244885	2.29E-07	6YrCancerDerived_Inh_FAH16to70	2.29E-07
555 ALL	594061.8	4244960	2.29E-07	6YrCancerDerived_Inh_FAH16to70	2.29E-07
857 ALL	594111.8	4245260	2.29E-07	6YrCancerDerived_Inh_FAH16to70	2.29E-07
297 ALL	593861.8	4244710	2.24E-07	6YrCancerDerived_Inh_FAH16to70	2.24E-07
298 ALL	593886.8	4244710	2.24E-07	6YrCancerDerived_Inh_FAH16to70	2.24E-07
325 ALL	593936.8	4244735	2.24E-07	6YrCancerDerived_Inh_FAH16to70	2.24E-07
367 ALL	593736.8	4244785	2.24E-07	6YrCancerDerived_Inh_FAH16to70	2.24E-07
377 ALL	593986.8	4244785	2.24E-07	6YrCancerDerived_Inh_FAH16to70	2.24E-07
681 ALL	594086.8	4245085	2.24E-07	6YrCancerDerived_Inh_FAH16to70	2.24E-07
296 ALL	593836.8	4244710	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07

299	ALL	593911.8	4244710	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
319	ALL	593786.8	4244735	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
343	ALL	593761.8	4244760	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
403	ALL	594011.8	4244810	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
454	ALL	594036.8	4244860	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
530	ALL	594061.8	4244935	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
656	ALL	594086.8	4245060	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
832	ALL	594111.8	4245235	2.19E-07	6YrCancerDerived_Inh_FAH16to70	2.19E-07
295	ALL	593811.8	4244710	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
300	ALL	593936.8	4244710	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
326	ALL	593961.8	4244735	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
352	ALL	593986.8	4244760	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
505	ALL	594061.8	4244910	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
631	ALL	594086.8	4245035	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
908	ALL	594136.8	4245310	2.14E-07	6YrCancerDerived_Inh_FAH16to70	2.14E-07
318	ALL	593761.8	4244735	2.09E-07	6YrCancerDerived_Inh_FAH16to70	2.09E-07
342	ALL	593736.8	4244760	2.09E-07	6YrCancerDerived_Inh_FAH16to70	2.09E-07
378	ALL	594011.8	4244785	2.09E-07	6YrCancerDerived_Inh_FAH16to70	2.09E-07
429	ALL	594036.8	4244835	2.09E-07	6YrCancerDerived_Inh_FAH16to70	2.09E-07
606	ALL	594086.8	4245010	2.09E-07	6YrCancerDerived_Inh_FAH16to70	2.09E-07
807	ALL	594111.8	4245210	2.09E-07	6YrCancerDerived_Inh_FAH16to70	2.09E-07
294	ALL	593786.8	4244710	2.04E-07	6YrCancerDerived_Inh_FAH16to70	2.04E-07
301	ALL	593961.8	4244710	2.04E-07	6YrCancerDerived_Inh_FAH16to70	2.04E-07
327	ALL	593986.8	4244735	2.04E-07	6YrCancerDerived_Inh_FAH16to70	2.04E-07
480	ALL	594061.8	4244885	2.04E-07	6YrCancerDerived_Inh_FAH16to70	2.04E-07
581	ALL	594086.8	4244985	2.04E-07	6YrCancerDerived_Inh_FAH16to70	2.04E-07
782	ALL	594111.8	4245185	2.04E-07	6YrCancerDerived_Inh_FAH16to70	2.04E-07
353	ALL	594011.8	4244760	1.99E-07	6YrCancerDerived_Inh_FAH16to70	1.99E-07
404	ALL	594036.8	4244810	1.99E-07	6YrCancerDerived_Inh_FAH16to70	1.99E-07
556	ALL	594086.8	4244960	1.99E-07	6YrCancerDerived_Inh_FAH16to70	1.99E-07
757	ALL	594111.8	4245160	1.99E-07	6YrCancerDerived_Inh_FAH16to70	1.99E-07
883	ALL	594136.8	4245285	1.99E-07	6YrCancerDerived_Inh_FAH16to70	1.99E-07
293	ALL	593761.8	4244710	1.94E-07	6YrCancerDerived_Inh_FAH16to70	1.94E-07
302	ALL	593986.8	4244710	1.94E-07	6YrCancerDerived_Inh_FAH16to70	1.94E-07
317	ALL	593736.8	4244735	1.94E-07	6YrCancerDerived_Inh_FAH16to70	1.94E-07
455	ALL	594061.8	4244860	1.94E-07	6YrCancerDerived_Inh_FAH16to70	1.94E-07
732	ALL	594111.8	4245135	1.94E-07	6YrCancerDerived_Inh_FAH16to70	1.94E-07
328	ALL	594011.8	4244735	1.89E-07	6YrCancerDerived_Inh_FAH16to70	1.89E-07
379	ALL	594036.8	4244785	1.89E-07	6YrCancerDerived_Inh_FAH16to70	1.89E-07
430	ALL	594061.8	4244835	1.89E-07	6YrCancerDerived_Inh_FAH16to70	1.89E-07
531	ALL	594086.8	4244935	1.89E-07	6YrCancerDerived_Inh_FAH16to70	1.89E-07
707	ALL	594111.8	4245110	1.89E-07	6YrCancerDerived_Inh_FAH16to70	1.89E-07
858	ALL	594136.8	4245260	1.89E-07	6YrCancerDerived_Inh_FAH16to70	1.89E-07
292	ALL	593736.8	4244710	1.84E-07	6YrCancerDerived_Inh_FAH16to70	1.84E-07
354	ALL	594036.8	4244760	1.84E-07	6YrCancerDerived_Inh_FAH16to70	1.84E-07
506	ALL	594086.8	4244910	1.84E-07	6YrCancerDerived_Inh_FAH16to70	1.84E-07
657	ALL	594111.8	4245060	1.84E-07	6YrCancerDerived_Inh_FAH16to70	1.84E-07

682	ALL	594111.8	4245085	1.84E-07	6YrCancerDerived_Inh_FAH16to70	1.84E-07
303	ALL	594011.8	4244710	1.79E-07	6YrCancerDerived_Inh_FAH16to70	1.79E-07
405	ALL	594061.8	4244810	1.79E-07	6YrCancerDerived_Inh_FAH16to70	1.79E-07
481	ALL	594086.8	4244885	1.79E-07	6YrCancerDerived_Inh_FAH16to70	1.79E-07
632	ALL	594111.8	4245035	1.79E-07	6YrCancerDerived_Inh_FAH16to70	1.79E-07
833	ALL	594136.8	4245235	1.79E-07	6YrCancerDerived_Inh_FAH16to70	1.79E-07
909	ALL	594161.8	4245310	1.79E-07	6YrCancerDerived_Inh_FAH16to70	1.79E-07
329	ALL	594036.8	4244735	1.74E-07	6YrCancerDerived_Inh_FAH16to70	1.74E-07
380	ALL	594061.8	4244785	1.74E-07	6YrCancerDerived_Inh_FAH16to70	1.74E-07
456	ALL	594086.8	4244860	1.74E-07	6YrCancerDerived_Inh_FAH16to70	1.74E-07
607	ALL	594111.8	4245010	1.74E-07	6YrCancerDerived_Inh_FAH16to70	1.74E-07
808	ALL	594136.8	4245210	1.74E-07	6YrCancerDerived_Inh_FAH16to70	1.74E-07
304	ALL	594036.8	4244710	1.69E-07	6YrCancerDerived_Inh_FAH16to70	1.69E-07
431	ALL	594086.8	4244835	1.69E-07	6YrCancerDerived_Inh_FAH16to70	1.69E-07
557	ALL	594111.8	4244960	1.69E-07	6YrCancerDerived_Inh_FAH16to70	1.69E-07
582	ALL	594111.8	4244985	1.69E-07	6YrCancerDerived_Inh_FAH16to70	1.69E-07
783	ALL	594136.8	4245185	1.69E-07	6YrCancerDerived_Inh_FAH16to70	1.69E-07
884	ALL	594161.8	4245285	1.69E-07	6YrCancerDerived_Inh_FAH16to70	1.69E-07
355	ALL	594061.8	4244760	1.64E-07	6YrCancerDerived_Inh_FAH16to70	1.64E-07
532	ALL	594111.8	4244935	1.64E-07	6YrCancerDerived_Inh_FAH16to70	1.64E-07
758	ALL	594136.8	4245160	1.64E-07	6YrCancerDerived_Inh_FAH16to70	1.64E-07
330	ALL	594061.8	4244735	1.59E-07	6YrCancerDerived_Inh_FAH16to70	1.59E-07
406	ALL	594086.8	4244810	1.59E-07	6YrCancerDerived_Inh_FAH16to70	1.59E-07
507	ALL	594111.8	4244910	1.59E-07	6YrCancerDerived_Inh_FAH16to70	1.59E-07
733	ALL	594136.8	4245135	1.59E-07	6YrCancerDerived_Inh_FAH16to70	1.59E-07
859	ALL	594161.8	4245260	1.59E-07	6YrCancerDerived_Inh_FAH16to70	1.59E-07
305	ALL	594061.8	4244710	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
381	ALL	594086.8	4244785	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
457	ALL	594111.8	4244860	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
482	ALL	594111.8	4244885	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
683	ALL	594136.8	4245085	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
708	ALL	594136.8	4245110	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
834	ALL	594161.8	4245235	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
910	ALL	594186.8	4245310	1.54E-07	6YrCancerDerived_Inh_FAH16to70	1.54E-07
356	ALL	594086.8	4244760	1.49E-07	6YrCancerDerived_Inh_FAH16to70	1.49E-07
432	ALL	594111.8	4244835	1.49E-07	6YrCancerDerived_Inh_FAH16to70	1.49E-07
633	ALL	594136.8	4245035	1.49E-07	6YrCancerDerived_Inh_FAH16to70	1.49E-07
658	ALL	594136.8	4245060	1.49E-07	6YrCancerDerived_Inh_FAH16to70	1.49E-07
331	ALL	594086.8	4244735	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
407	ALL	594111.8	4244810	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
558	ALL	594136.8	4244960	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
583	ALL	594136.8	4244985	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
608	ALL	594136.8	4245010	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
809	ALL	594161.8	4245210	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
885	ALL	594186.8	4245285	1.44E-07	6YrCancerDerived_Inh_FAH16to70	1.44E-07
306	ALL	594086.8	4244710	1.39E-07	6YrCancerDerived_Inh_FAH16to70	1.39E-07
382	ALL	594111.8	4244785	1.39E-07	6YrCancerDerived_Inh_FAH16to70	1.39E-07



508	ALL	594136.8	4244910	1.39E-07	6YrCancerDerived_Inh_FAH16to70	1.39E-07
533	ALL	594136.8	4244935	1.39E-07	6YrCancerDerived_Inh_FAH16to70	1.39E-07
784	ALL	594161.8	4245185	1.39E-07	6YrCancerDerived_Inh_FAH16to70	1.39E-07
860	ALL	594186.8	4245260	1.39E-07	6YrCancerDerived_Inh_FAH16to70	1.39E-07
357	ALL	594111.8	4244760	1.34E-07	6YrCancerDerived_Inh_FAH16to70	1.34E-07
458	ALL	594136.8	4244860	1.34E-07	6YrCancerDerived_Inh_FAH16to70	1.34E-07
483	ALL	594136.8	4244885	1.34E-07	6YrCancerDerived_Inh_FAH16to70	1.34E-07
734	ALL	594161.8	4245135	1.34E-07	6YrCancerDerived_Inh_FAH16to70	1.34E-07
759	ALL	594161.8	4245160	1.34E-07	6YrCancerDerived_Inh_FAH16to70	1.34E-07
911	ALL	594211.8	4245310	1.34E-07	6YrCancerDerived_Inh_FAH16to70	1.34E-07
307	ALL	594111.8	4244710	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
332	ALL	594111.8	4244735	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
408	ALL	594136.8	4244810	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
433	ALL	594136.8	4244835	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
684	ALL	594161.8	4245085	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
709	ALL	594161.8	4245110	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
835	ALL	594186.8	4245235	1.29E-07	6YrCancerDerived_Inh_FAH16to70	1.29E-07
383	ALL	594136.8	4244785	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
584	ALL	594161.8	4244985	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
609	ALL	594161.8	4245010	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
634	ALL	594161.8	4245035	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
659	ALL	594161.8	4245060	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
810	ALL	594186.8	4245210	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
886	ALL	594211.8	4245285	1.24E-07	6YrCancerDerived_Inh_FAH16to70	1.24E-07
333	ALL	594136.8	4244735	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
358	ALL	594136.8	4244760	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
484	ALL	594161.8	4244885	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
509	ALL	594161.8	4244910	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
534	ALL	594161.8	4244935	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
559	ALL	594161.8	4244960	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
785	ALL	594186.8	4245185	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
861	ALL	594211.8	4245260	1.19E-07	6YrCancerDerived_Inh_FAH16to70	1.19E-07
308	ALL	594136.8	4244710	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
434	ALL	594161.8	4244835	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
459	ALL	594161.8	4244860	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
735	ALL	594186.8	4245135	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
760	ALL	594186.8	4245160	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
836	ALL	594211.8	4245235	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
912	ALL	594236.8	4245310	1.14E-07	6YrCancerDerived_Inh_FAH16to70	1.14E-07
359	ALL	594161.8	4244760	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
384	ALL	594161.8	4244785	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
409	ALL	594161.8	4244810	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
685	ALL	594186.8	4245085	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
710	ALL	594186.8	4245110	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
811	ALL	594211.8	4245210	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
887	ALL	594236.8	4245285	1.10E-07	6YrCancerDerived_Inh_FAH16to70	1.10E-07
309	ALL	594161.8	4244710	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07

334 ALL	594161.8	4244735	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
535 ALL	594186.8	4244935	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
560 ALL	594186.8	4244960	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
585 ALL	594186.8	4244985	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
610 ALL	594186.8	4245010	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
635 ALL	594186.8	4245035	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
660 ALL	594186.8	4245060	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
786 ALL	594211.8	4245185	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
862 ALL	594236.8	4245260	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
913 ALL	594261.8	4245310	1.05E-07	6YrCancerDerived_Inh_FAH16to70	1.05E-07
410 ALL	594186.8	4244810	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
435 ALL	594186.8	4244835	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
460 ALL	594186.8	4244860	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
485 ALL	594186.8	4244885	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
510 ALL	594186.8	4244910	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
736 ALL	594211.8	4245135	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
761 ALL	594211.8	4245160	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
837 ALL	594236.8	4245235	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
888 ALL	594261.8	4245285	9.96E-08	6YrCancerDerived_Inh_FAH16to70	9.96E-08
310 ALL	594186.8	4244710	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
335 ALL	594186.8	4244735	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
360 ALL	594186.8	4244760	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
385 ALL	594186.8	4244785	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
686 ALL	594211.8	4245085	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
711 ALL	594211.8	4245110	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
812 ALL	594236.8	4245210	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
863 ALL	594261.8	4245260	9.46E-08	6YrCancerDerived_Inh_FAH16to70	9.46E-08
461 ALL	594211.8	4244860	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
486 ALL	594211.8	4244885	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
511 ALL	594211.8	4244910	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
536 ALL	594211.8	4244935	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
561 ALL	594211.8	4244960	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
586 ALL	594211.8	4244985	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
611 ALL	594211.8	4245010	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
636 ALL	594211.8	4245035	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
661 ALL	594211.8	4245060	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
762 ALL	594236.8	4245160	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
787 ALL	594236.8	4245185	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
838 ALL	594261.8	4245235	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
889 ALL	594286.8	4245285	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
914 ALL	594286.8	4245310	8.96E-08	6YrCancerDerived_Inh_FAH16to70	8.96E-08
311 ALL	594211.8	4244710	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
336 ALL	594211.8	4244735	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
361 ALL	594211.8	4244760	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
386 ALL	594211.8	4244785	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
411 ALL	594211.8	4244810	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
436 ALL	594211.8	4244835	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08

712	ALL	594236.8	4245110	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
737	ALL	594236.8	4245135	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
813	ALL	594261.8	4245210	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
864	ALL	594286.8	4245260	8.46E-08	6YrCancerDerived_Inh_FAH16to70	8.46E-08
612	ALL	594236.8	4245010	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
637	ALL	594236.8	4245035	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
662	ALL	594236.8	4245060	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
687	ALL	594236.8	4245085	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
763	ALL	594261.8	4245160	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
788	ALL	594261.8	4245185	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
839	ALL	594286.8	4245235	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
890	ALL	594311.8	4245285	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
915	ALL	594311.8	4245310	7.96E-08	6YrCancerDerived_Inh_FAH16to70	7.96E-08
312	ALL	594236.8	4244710	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
337	ALL	594236.8	4244735	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
362	ALL	594236.8	4244760	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
387	ALL	594236.8	4244785	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
412	ALL	594236.8	4244810	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
437	ALL	594236.8	4244835	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
462	ALL	594236.8	4244860	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
487	ALL	594236.8	4244885	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
512	ALL	594236.8	4244910	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
537	ALL	594236.8	4244935	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
562	ALL	594236.8	4244960	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
587	ALL	594236.8	4244985	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
713	ALL	594261.8	4245110	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
738	ALL	594261.8	4245135	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
789	ALL	594286.8	4245185	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
814	ALL	594286.8	4245210	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
865	ALL	594311.8	4245260	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
916	ALL	594336.8	4245310	7.47E-08	6YrCancerDerived_Inh_FAH16to70	7.47E-08
613	ALL	594261.8	4245010	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
638	ALL	594261.8	4245035	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
663	ALL	594261.8	4245060	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
688	ALL	594261.8	4245085	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
739	ALL	594286.8	4245135	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
764	ALL	594286.8	4245160	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
815	ALL	594311.8	4245210	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
840	ALL	594311.8	4245235	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
866	ALL	594336.8	4245260	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
891	ALL	594336.8	4245285	6.97E-08	6YrCancerDerived_Inh_FAH16to70	6.97E-08
313	ALL	594261.8	4244710	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
338	ALL	594261.8	4244735	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
363	ALL	594261.8	4244760	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
388	ALL	594261.8	4244785	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
413	ALL	594261.8	4244810	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
438	ALL	594261.8	4244835	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08

463 ALL	594261.8	4244860	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
488 ALL	594261.8	4244885	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
513 ALL	594261.8	4244910	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
538 ALL	594261.8	4244935	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
563 ALL	594261.8	4244960	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
588 ALL	594261.8	4244985	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
664 ALL	594286.8	4245060	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
689 ALL	594286.8	4245085	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
714 ALL	594286.8	4245110	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
765 ALL	594311.8	4245160	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
790 ALL	594311.8	4245185	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
816 ALL	594336.8	4245210	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
841 ALL	594336.8	4245235	6.47E-08	6YrCancerDerived_Inh_FAH16to70	6.47E-08
314 ALL	594286.8	4244710	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
339 ALL	594286.8	4244735	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
364 ALL	594286.8	4244760	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
389 ALL	594286.8	4244785	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
414 ALL	594286.8	4244810	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
439 ALL	594286.8	4244835	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
464 ALL	594286.8	4244860	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
489 ALL	594286.8	4244885	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
514 ALL	594286.8	4244910	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
539 ALL	594286.8	4244935	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
564 ALL	594286.8	4244960	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
589 ALL	594286.8	4244985	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
614 ALL	594286.8	4245010	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
639 ALL	594286.8	4245035	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
690 ALL	594311.8	4245085	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
715 ALL	594311.8	4245110	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
740 ALL	594311.8	4245135	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
766 ALL	594336.8	4245160	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
791 ALL	594336.8	4245185	5.97E-08	6YrCancerDerived_Inh_FAH16to70	5.97E-08
590 ALL	594311.8	4244985	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
615 ALL	594311.8	4245010	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
640 ALL	594311.8	4245035	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
665 ALL	594311.8	4245060	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
691 ALL	594336.8	4245085	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
716 ALL	594336.8	4245110	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
741 ALL	594336.8	4245135	5.48E-08	6YrCancerDerived_Inh_FAH16to70	5.48E-08
315 ALL	594311.8	4244710	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
340 ALL	594311.8	4244735	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
365 ALL	594311.8	4244760	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
390 ALL	594311.8	4244785	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
415 ALL	594311.8	4244810	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
440 ALL	594311.8	4244835	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
465 ALL	594311.8	4244860	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
490 ALL	594311.8	4244885	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08

515 ALL	594311.8	4244910	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
540 ALL	594311.8	4244935	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
565 ALL	594311.8	4244960	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
591 ALL	594336.8	4244985	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
616 ALL	594336.8	4245010	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
641 ALL	594336.8	4245035	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
666 ALL	594336.8	4245060	4.98E-08	6YrCancerDerived_Inh_FAH16to70	4.98E-08
316 ALL	594336.8	4244710	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
341 ALL	594336.8	4244735	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
366 ALL	594336.8	4244760	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
391 ALL	594336.8	4244785	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
416 ALL	594336.8	4244810	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
441 ALL	594336.8	4244835	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
466 ALL	594336.8	4244860	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
491 ALL	594336.8	4244885	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
516 ALL	594336.8	4244910	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
541 ALL	594336.8	4244935	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08
566 ALL	594336.8	4244960	4.48E-08	6YrCancerDerived_Inh_FAH16to70	4.48E-08

**Farm at Alamo Specific Plan - Construction Health Risk Assessment - Chronic Risk for Off-Site Residences**

\*HARP - HRACalc v17023 6/3/2018 9:17:23 AM - Chronic Risk, Sorted from Max to Min

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
896	ALL	593836.8	4245310	NonCancerChronicDerived_Inh	1.90E-03	1.90E-03
895	ALL	593811.8	4245310	NonCancerChronicDerived_Inh	1.89E-03	1.89E-03
897	ALL	593861.8	4245310	NonCancerChronicDerived_Inh	1.85E-03	1.85E-03
894	ALL	593786.8	4245310	NonCancerChronicDerived_Inh	1.79E-03	1.79E-03
898	ALL	593886.8	4245310	NonCancerChronicDerived_Inh	1.73E-03	1.73E-03
893	ALL	593761.8	4245310	NonCancerChronicDerived_Inh	1.55E-03	1.55E-03
899	ALL	593911.8	4245310	NonCancerChronicDerived_Inh	1.51E-03	1.51E-03
871	ALL	593836.8	4245285	NonCancerChronicDerived_Inh	1.39E-03	1.39E-03
870	ALL	593811.8	4245285	NonCancerChronicDerived_Inh	1.37E-03	1.37E-03
872	ALL	593861.8	4245285	NonCancerChronicDerived_Inh	1.35E-03	1.35E-03
869	ALL	593786.8	4245285	NonCancerChronicDerived_Inh	1.29E-03	1.29E-03
873	ALL	593886.8	4245285	NonCancerChronicDerived_Inh	1.25E-03	1.25E-03
892	ALL	593736.8	4245310	NonCancerChronicDerived_Inh	1.15E-03	1.15E-03
900	ALL	593936.8	4245310	NonCancerChronicDerived_Inh	1.14E-03	1.14E-03
868	ALL	593761.8	4245285	NonCancerChronicDerived_Inh	1.12E-03	1.12E-03
874	ALL	593911.8	4245285	NonCancerChronicDerived_Inh	1.10E-03	1.10E-03
846	ALL	593836.8	4245260	NonCancerChronicDerived_Inh	1.07E-03	1.07E-03
845	ALL	593811.8	4245260	NonCancerChronicDerived_Inh	1.05E-03	1.05E-03
847	ALL	593861.8	4245260	NonCancerChronicDerived_Inh	1.04E-03	1.04E-03
844	ALL	593786.8	4245260	NonCancerChronicDerived_Inh	9.84E-04	9.84E-04
848	ALL	593886.8	4245260	NonCancerChronicDerived_Inh	9.68E-04	9.68E-04
867	ALL	593736.8	4245285	NonCancerChronicDerived_Inh	8.76E-04	8.76E-04
875	ALL	593936.8	4245285	NonCancerChronicDerived_Inh	8.64E-04	8.64E-04
843	ALL	593761.8	4245260	NonCancerChronicDerived_Inh	8.60E-04	8.60E-04
849	ALL	593911.8	4245260	NonCancerChronicDerived_Inh	8.52E-04	8.52E-04
821	ALL	593836.8	4245235	NonCancerChronicDerived_Inh	8.50E-04	8.50E-04
820	ALL	593811.8	4245235	NonCancerChronicDerived_Inh	8.36E-04	8.36E-04
822	ALL	593861.8	4245235	NonCancerChronicDerived_Inh	8.30E-04	8.30E-04
819	ALL	593786.8	4245235	NonCancerChronicDerived_Inh	7.82E-04	7.82E-04
823	ALL	593886.8	4245235	NonCancerChronicDerived_Inh	7.76E-04	7.76E-04
901	ALL	593961.8	4245310	NonCancerChronicDerived_Inh	7.22E-04	7.22E-04
842	ALL	593736.8	4245260	NonCancerChronicDerived_Inh	6.98E-04	6.98E-04
796	ALL	593836.8	4245210	NonCancerChronicDerived_Inh	6.96E-04	6.96E-04
850	ALL	593936.8	4245260	NonCancerChronicDerived_Inh	6.92E-04	6.92E-04
818	ALL	593761.8	4245235	NonCancerChronicDerived_Inh	6.90E-04	6.90E-04
824	ALL	593911.8	4245235	NonCancerChronicDerived_Inh	6.90E-04	6.90E-04
795	ALL	593811.8	4245210	NonCancerChronicDerived_Inh	6.82E-04	6.82E-04
797	ALL	593861.8	4245210	NonCancerChronicDerived_Inh	6.82E-04	6.82E-04
798	ALL	593886.8	4245210	NonCancerChronicDerived_Inh	6.42E-04	6.42E-04
794	ALL	593786.8	4245210	NonCancerChronicDerived_Inh	6.38E-04	6.38E-04
876	ALL	593961.8	4245285	NonCancerChronicDerived_Inh	6.04E-04	6.04E-04
771	ALL	593836.8	4245185	NonCancerChronicDerived_Inh	5.80E-04	5.80E-04
799	ALL	593911.8	4245210	NonCancerChronicDerived_Inh	5.76E-04	5.76E-04

825	ALL	593936.8	4245235	NonCancerChronicDerived_Inh	5.76E-04	5.76E-04
817	ALL	593736.8	4245235	NonCancerChronicDerived_Inh	5.74E-04	5.74E-04
772	ALL	593861.8	4245185	NonCancerChronicDerived_Inh	5.72E-04	5.72E-04
770	ALL	593811.8	4245185	NonCancerChronicDerived_Inh	5.68E-04	5.68E-04
793	ALL	593761.8	4245210	NonCancerChronicDerived_Inh	5.68E-04	5.68E-04
773	ALL	593886.8	4245185	NonCancerChronicDerived_Inh	5.42E-04	5.42E-04
769	ALL	593786.8	4245185	NonCancerChronicDerived_Inh	5.32E-04	5.32E-04
851	ALL	593961.8	4245260	NonCancerChronicDerived_Inh	5.16E-04	5.16E-04
746	ALL	593836.8	4245160	NonCancerChronicDerived_Inh	4.92E-04	4.92E-04
774	ALL	593911.8	4245185	NonCancerChronicDerived_Inh	4.92E-04	4.92E-04
800	ALL	593936.8	4245210	NonCancerChronicDerived_Inh	4.90E-04	4.90E-04
747	ALL	593861.8	4245160	NonCancerChronicDerived_Inh	4.88E-04	4.88E-04
792	ALL	593736.8	4245210	NonCancerChronicDerived_Inh	4.84E-04	4.84E-04
745	ALL	593811.8	4245160	NonCancerChronicDerived_Inh	4.80E-04	4.80E-04
768	ALL	593761.8	4245185	NonCancerChronicDerived_Inh	4.78E-04	4.78E-04
748	ALL	593886.8	4245160	NonCancerChronicDerived_Inh	4.64E-04	4.64E-04
902	ALL	593986.8	4245310	NonCancerChronicDerived_Inh	4.56E-04	4.56E-04
744	ALL	593786.8	4245160	NonCancerChronicDerived_Inh	4.52E-04	4.52E-04
826	ALL	593961.8	4245235	NonCancerChronicDerived_Inh	4.48E-04	4.48E-04
721	ALL	593836.8	4245135	NonCancerChronicDerived_Inh	4.24E-04	4.24E-04
749	ALL	593911.8	4245160	NonCancerChronicDerived_Inh	4.24E-04	4.24E-04
775	ALL	593936.8	4245185	NonCancerChronicDerived_Inh	4.24E-04	4.24E-04
722	ALL	593861.8	4245135	NonCancerChronicDerived_Inh	4.20E-04	4.20E-04
767	ALL	593736.8	4245185	NonCancerChronicDerived_Inh	4.14E-04	4.14E-04
720	ALL	593811.8	4245135	NonCancerChronicDerived_Inh	4.12E-04	4.12E-04
743	ALL	593761.8	4245160	NonCancerChronicDerived_Inh	4.10E-04	4.10E-04
877	ALL	593986.8	4245285	NonCancerChronicDerived_Inh	4.08E-04	4.08E-04
723	ALL	593886.8	4245135	NonCancerChronicDerived_Inh	4.02E-04	4.02E-04
801	ALL	593961.8	4245210	NonCancerChronicDerived_Inh	3.92E-04	3.92E-04
719	ALL	593786.8	4245135	NonCancerChronicDerived_Inh	3.88E-04	3.88E-04
724	ALL	593911.8	4245135	NonCancerChronicDerived_Inh	3.72E-04	3.72E-04
750	ALL	593936.8	4245160	NonCancerChronicDerived_Inh	3.72E-04	3.72E-04
696	ALL	593836.8	4245110	NonCancerChronicDerived_Inh	3.68E-04	3.68E-04
852	ALL	593986.8	4245260	NonCancerChronicDerived_Inh	3.68E-04	3.68E-04
697	ALL	593861.8	4245110	NonCancerChronicDerived_Inh	3.66E-04	3.66E-04
695	ALL	593811.8	4245110	NonCancerChronicDerived_Inh	3.58E-04	3.58E-04
742	ALL	593736.8	4245160	NonCancerChronicDerived_Inh	3.58E-04	3.58E-04
698	ALL	593886.8	4245110	NonCancerChronicDerived_Inh	3.54E-04	3.54E-04
718	ALL	593761.8	4245135	NonCancerChronicDerived_Inh	3.54E-04	3.54E-04
776	ALL	593961.8	4245185	NonCancerChronicDerived_Inh	3.48E-04	3.48E-04
694	ALL	593786.8	4245110	NonCancerChronicDerived_Inh	3.38E-04	3.38E-04
827	ALL	593986.8	4245235	NonCancerChronicDerived_Inh	3.32E-04	3.32E-04
725	ALL	593936.8	4245135	NonCancerChronicDerived_Inh	3.30E-04	3.30E-04
699	ALL	593911.8	4245110	NonCancerChronicDerived_Inh	3.28E-04	3.28E-04
671	ALL	593836.8	4245085	NonCancerChronicDerived_Inh	3.24E-04	3.24E-04
672	ALL	593861.8	4245085	NonCancerChronicDerived_Inh	3.22E-04	3.22E-04
670	ALL	593811.8	4245085	NonCancerChronicDerived_Inh	3.14E-04	3.14E-04

717	ALL	593736.8	4245135	NonCancerChronicDerived_Inh	3.14E-04	3.14E-04
673	ALL	593886.8	4245085	NonCancerChronicDerived_Inh	3.12E-04	3.12E-04
751	ALL	593961.8	4245160	NonCancerChronicDerived_Inh	3.12E-04	3.12E-04
693	ALL	593761.8	4245110	NonCancerChronicDerived_Inh	3.10E-04	3.10E-04
903	ALL	594011.8	4245310	NonCancerChronicDerived_Inh	3.08E-04	3.08E-04
802	ALL	593986.8	4245210	NonCancerChronicDerived_Inh	3.02E-04	3.02E-04
669	ALL	593786.8	4245085	NonCancerChronicDerived_Inh	2.98E-04	2.98E-04
700	ALL	593936.8	4245110	NonCancerChronicDerived_Inh	2.96E-04	2.96E-04
674	ALL	593911.8	4245085	NonCancerChronicDerived_Inh	2.92E-04	2.92E-04
646	ALL	593836.8	4245060	NonCancerChronicDerived_Inh	2.86E-04	2.86E-04
647	ALL	593861.8	4245060	NonCancerChronicDerived_Inh	2.86E-04	2.86E-04
878	ALL	594011.8	4245285	NonCancerChronicDerived_Inh	2.84E-04	2.84E-04
726	ALL	593961.8	4245135	NonCancerChronicDerived_Inh	2.82E-04	2.82E-04
645	ALL	593811.8	4245060	NonCancerChronicDerived_Inh	2.78E-04	2.78E-04
648	ALL	593886.8	4245060	NonCancerChronicDerived_Inh	2.78E-04	2.78E-04
692	ALL	593736.8	4245110	NonCancerChronicDerived_Inh	2.78E-04	2.78E-04
777	ALL	593986.8	4245185	NonCancerChronicDerived_Inh	2.76E-04	2.76E-04
668	ALL	593761.8	4245085	NonCancerChronicDerived_Inh	2.74E-04	2.74E-04
675	ALL	593936.8	4245085	NonCancerChronicDerived_Inh	2.66E-04	2.66E-04
644	ALL	593786.8	4245060	NonCancerChronicDerived_Inh	2.64E-04	2.64E-04
649	ALL	593911.8	4245060	NonCancerChronicDerived_Inh	2.62E-04	2.62E-04
853	ALL	594011.8	4245260	NonCancerChronicDerived_Inh	2.62E-04	2.62E-04
621	ALL	593836.8	4245035	NonCancerChronicDerived_Inh	2.56E-04	2.56E-04
622	ALL	593861.8	4245035	NonCancerChronicDerived_Inh	2.56E-04	2.56E-04
701	ALL	593961.8	4245110	NonCancerChronicDerived_Inh	2.56E-04	2.56E-04
752	ALL	593986.8	4245160	NonCancerChronicDerived_Inh	2.52E-04	2.52E-04
623	ALL	593886.8	4245035	NonCancerChronicDerived_Inh	2.50E-04	2.50E-04
620	ALL	593811.8	4245035	NonCancerChronicDerived_Inh	2.48E-04	2.48E-04
667	ALL	593736.8	4245085	NonCancerChronicDerived_Inh	2.46E-04	2.46E-04
643	ALL	593761.8	4245060	NonCancerChronicDerived_Inh	2.44E-04	2.44E-04
828	ALL	594011.8	4245235	NonCancerChronicDerived_Inh	2.44E-04	2.44E-04
650	ALL	593936.8	4245060	NonCancerChronicDerived_Inh	2.40E-04	2.40E-04
624	ALL	593911.8	4245035	NonCancerChronicDerived_Inh	2.38E-04	2.38E-04
619	ALL	593786.8	4245035	NonCancerChronicDerived_Inh	2.36E-04	2.36E-04
676	ALL	593961.8	4245085	NonCancerChronicDerived_Inh	2.32E-04	2.32E-04
727	ALL	593986.8	4245135	NonCancerChronicDerived_Inh	2.32E-04	2.32E-04
596	ALL	593836.8	4245010	NonCancerChronicDerived_Inh	2.30E-04	2.30E-04
597	ALL	593861.8	4245010	NonCancerChronicDerived_Inh	2.30E-04	2.30E-04
803	ALL	594011.8	4245210	NonCancerChronicDerived_Inh	2.28E-04	2.28E-04
598	ALL	593886.8	4245010	NonCancerChronicDerived_Inh	2.26E-04	2.26E-04
595	ALL	593811.8	4245010	NonCancerChronicDerived_Inh	2.24E-04	2.24E-04
642	ALL	593736.8	4245060	NonCancerChronicDerived_Inh	2.20E-04	2.20E-04
904	ALL	594036.8	4245310	NonCancerChronicDerived_Inh	2.20E-04	2.20E-04
618	ALL	593761.8	4245035	NonCancerChronicDerived_Inh	2.18E-04	2.18E-04
625	ALL	593936.8	4245035	NonCancerChronicDerived_Inh	2.18E-04	2.18E-04
599	ALL	593911.8	4245010	NonCancerChronicDerived_Inh	2.16E-04	2.16E-04
651	ALL	593961.8	4245060	NonCancerChronicDerived_Inh	2.14E-04	2.14E-04



702	ALL	593986.8	4245110	NonCancerChronicDerived_Inh	2.14E-04	2.14E-04
778	ALL	594011.8	4245185	NonCancerChronicDerived_Inh	2.14E-04	2.14E-04
594	ALL	593786.8	4245010	NonCancerChronicDerived_Inh	2.12E-04	2.12E-04
571	ALL	593836.8	4244985	NonCancerChronicDerived_Inh	2.08E-04	2.08E-04
572	ALL	593861.8	4244985	NonCancerChronicDerived_Inh	2.08E-04	2.08E-04
879	ALL	594036.8	4245285	NonCancerChronicDerived_Inh	2.06E-04	2.06E-04
573	ALL	593886.8	4244985	NonCancerChronicDerived_Inh	2.04E-04	2.04E-04
570	ALL	593811.8	4244985	NonCancerChronicDerived_Inh	2.02E-04	2.02E-04
600	ALL	593936.8	4245010	NonCancerChronicDerived_Inh	2.00E-04	2.00E-04
753	ALL	594011.8	4245160	NonCancerChronicDerived_Inh	2.00E-04	2.00E-04
617	ALL	593736.8	4245035	NonCancerChronicDerived_Inh	1.98E-04	1.98E-04
677	ALL	593986.8	4245085	NonCancerChronicDerived_Inh	1.98E-04	1.98E-04
574	ALL	593911.8	4244985	NonCancerChronicDerived_Inh	1.96E-04	1.96E-04
593	ALL	593761.8	4245010	NonCancerChronicDerived_Inh	1.96E-04	1.96E-04
626	ALL	593961.8	4245035	NonCancerChronicDerived_Inh	1.96E-04	1.96E-04
569	ALL	593786.8	4244985	NonCancerChronicDerived_Inh	1.92E-04	1.92E-04
854	ALL	594036.8	4245260	NonCancerChronicDerived_Inh	1.92E-04	1.92E-04
547	ALL	593861.8	4244960	NonCancerChronicDerived_Inh	1.90E-04	1.90E-04
546	ALL	593836.8	4244960	NonCancerChronicDerived_Inh	1.88E-04	1.88E-04
728	ALL	594011.8	4245135	NonCancerChronicDerived_Inh	1.88E-04	1.88E-04
548	ALL	593886.8	4244960	NonCancerChronicDerived_Inh	1.86E-04	1.86E-04
575	ALL	593936.8	4244985	NonCancerChronicDerived_Inh	1.84E-04	1.84E-04
652	ALL	593986.8	4245060	NonCancerChronicDerived_Inh	1.84E-04	1.84E-04
545	ALL	593811.8	4244960	NonCancerChronicDerived_Inh	1.82E-04	1.82E-04
829	ALL	594036.8	4245235	NonCancerChronicDerived_Inh	1.82E-04	1.82E-04
549	ALL	593911.8	4244960	NonCancerChronicDerived_Inh	1.80E-04	1.80E-04
592	ALL	593736.8	4245010	NonCancerChronicDerived_Inh	1.80E-04	1.80E-04
601	ALL	593961.8	4245010	NonCancerChronicDerived_Inh	1.80E-04	1.80E-04
568	ALL	593761.8	4244985	NonCancerChronicDerived_Inh	1.78E-04	1.78E-04
703	ALL	594011.8	4245110	NonCancerChronicDerived_Inh	1.76E-04	1.76E-04
522	ALL	593861.8	4244935	NonCancerChronicDerived_Inh	1.74E-04	1.74E-04
544	ALL	593786.8	4244960	NonCancerChronicDerived_Inh	1.74E-04	1.74E-04
521	ALL	593836.8	4244935	NonCancerChronicDerived_Inh	1.72E-04	1.72E-04
627	ALL	593986.8	4245035	NonCancerChronicDerived_Inh	1.72E-04	1.72E-04
804	ALL	594036.8	4245210	NonCancerChronicDerived_Inh	1.72E-04	1.72E-04
523	ALL	593886.8	4244935	NonCancerChronicDerived_Inh	1.70E-04	1.70E-04
550	ALL	593936.8	4244960	NonCancerChronicDerived_Inh	1.68E-04	1.68E-04
520	ALL	593811.8	4244935	NonCancerChronicDerived_Inh	1.66E-04	1.66E-04
576	ALL	593961.8	4244985	NonCancerChronicDerived_Inh	1.66E-04	1.66E-04
678	ALL	594011.8	4245085	NonCancerChronicDerived_Inh	1.66E-04	1.66E-04
905	ALL	594061.8	4245310	NonCancerChronicDerived_Inh	1.66E-04	1.66E-04
524	ALL	593911.8	4244935	NonCancerChronicDerived_Inh	1.64E-04	1.64E-04
567	ALL	593736.8	4244985	NonCancerChronicDerived_Inh	1.64E-04	1.64E-04
779	ALL	594036.8	4245185	NonCancerChronicDerived_Inh	1.64E-04	1.64E-04
543	ALL	593761.8	4244960	NonCancerChronicDerived_Inh	1.62E-04	1.62E-04
519	ALL	593786.8	4244935	NonCancerChronicDerived_Inh	1.60E-04	1.60E-04
602	ALL	593986.8	4245010	NonCancerChronicDerived_Inh	1.60E-04	1.60E-04

496	ALL	593836.8	4244910	NonCancerChronicDerived_Inh	1.58E-04	1.58E-04
497	ALL	593861.8	4244910	NonCancerChronicDerived_Inh	1.58E-04	1.58E-04
498	ALL	593886.8	4244910	NonCancerChronicDerived_Inh	1.58E-04	1.58E-04
754	ALL	594036.8	4245160	NonCancerChronicDerived_Inh	1.58E-04	1.58E-04
525	ALL	593936.8	4244935	NonCancerChronicDerived_Inh	1.56E-04	1.56E-04
653	ALL	594011.8	4245060	NonCancerChronicDerived_Inh	1.56E-04	1.56E-04
551	ALL	593961.8	4244960	NonCancerChronicDerived_Inh	1.54E-04	1.54E-04
880	ALL	594061.8	4245285	NonCancerChronicDerived_Inh	1.54E-04	1.54E-04
495	ALL	593811.8	4244910	NonCancerChronicDerived_Inh	1.52E-04	1.52E-04
499	ALL	593911.8	4244910	NonCancerChronicDerived_Inh	1.52E-04	1.52E-04
518	ALL	593761.8	4244935	NonCancerChronicDerived_Inh	1.50E-04	1.50E-04
542	ALL	593736.8	4244960	NonCancerChronicDerived_Inh	1.50E-04	1.50E-04
729	ALL	594036.8	4245135	NonCancerChronicDerived_Inh	1.50E-04	1.50E-04
577	ALL	593986.8	4244985	NonCancerChronicDerived_Inh	1.48E-04	1.48E-04
472	ALL	593861.8	4244885	NonCancerChronicDerived_Inh	1.46E-04	1.46E-04
494	ALL	593786.8	4244910	NonCancerChronicDerived_Inh	1.46E-04	1.46E-04
628	ALL	594011.8	4245035	NonCancerChronicDerived_Inh	1.46E-04	1.46E-04
855	ALL	594061.8	4245260	NonCancerChronicDerived_Inh	1.46E-04	1.46E-04
471	ALL	593836.8	4244885	NonCancerChronicDerived_Inh	1.44E-04	1.44E-04
473	ALL	593886.8	4244885	NonCancerChronicDerived_Inh	1.44E-04	1.44E-04
500	ALL	593936.8	4244910	NonCancerChronicDerived_Inh	1.44E-04	1.44E-04
526	ALL	593961.8	4244935	NonCancerChronicDerived_Inh	1.44E-04	1.44E-04
704	ALL	594036.8	4245110	NonCancerChronicDerived_Inh	1.42E-04	1.42E-04
470	ALL	593811.8	4244885	NonCancerChronicDerived_Inh	1.40E-04	1.40E-04
474	ALL	593911.8	4244885	NonCancerChronicDerived_Inh	1.40E-04	1.40E-04
552	ALL	593986.8	4244960	NonCancerChronicDerived_Inh	1.40E-04	1.40E-04
830	ALL	594061.8	4245235	NonCancerChronicDerived_Inh	1.40E-04	1.40E-04
493	ALL	593761.8	4244910	NonCancerChronicDerived_Inh	1.38E-04	1.38E-04
517	ALL	593736.8	4244935	NonCancerChronicDerived_Inh	1.38E-04	1.38E-04
603	ALL	594011.8	4245010	NonCancerChronicDerived_Inh	1.38E-04	1.38E-04
447	ALL	593861.8	4244860	NonCancerChronicDerived_Inh	1.36E-04	1.36E-04
679	ALL	594036.8	4245085	NonCancerChronicDerived_Inh	1.36E-04	1.36E-04
446	ALL	593836.8	4244860	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
448	ALL	593886.8	4244860	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
469	ALL	593786.8	4244885	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
475	ALL	593936.8	4244885	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
501	ALL	593961.8	4244910	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
805	ALL	594061.8	4245210	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
445	ALL	593811.8	4244860	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
449	ALL	593911.8	4244860	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
527	ALL	593986.8	4244935	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
578	ALL	594011.8	4244985	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
654	ALL	594036.8	4245060	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
906	ALL	594086.8	4245310	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
492	ALL	593736.8	4244910	NonCancerChronicDerived_Inh	1.28E-04	1.28E-04
780	ALL	594061.8	4245185	NonCancerChronicDerived_Inh	1.28E-04	1.28E-04
422	ALL	593861.8	4244835	NonCancerChronicDerived_Inh	1.26E-04	1.26E-04

468 ALL	593761.8	4244885	NonCancerChronicDerived_Inh	1.26E-04	1.26E-04
476 ALL	593961.8	4244885	NonCancerChronicDerived_Inh	1.26E-04	1.26E-04
421 ALL	593836.8	4244835	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
423 ALL	593886.8	4244835	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
444 ALL	593786.8	4244860	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
450 ALL	593936.8	4244860	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
629 ALL	594036.8	4245035	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
755 ALL	594061.8	4245160	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
424 ALL	593911.8	4244835	NonCancerChronicDerived_Inh	1.22E-04	1.22E-04
502 ALL	593986.8	4244910	NonCancerChronicDerived_Inh	1.22E-04	1.22E-04
553 ALL	594011.8	4244960	NonCancerChronicDerived_Inh	1.22E-04	1.22E-04
881 ALL	594086.8	4245285	NonCancerChronicDerived_Inh	1.22E-04	1.22E-04
420 ALL	593811.8	4244835	NonCancerChronicDerived_Inh	1.20E-04	1.20E-04
730 ALL	594061.8	4245135	NonCancerChronicDerived_Inh	1.20E-04	1.20E-04
443 ALL	593761.8	4244860	NonCancerChronicDerived_Inh	1.18E-04	1.18E-04
451 ALL	593961.8	4244860	NonCancerChronicDerived_Inh	1.18E-04	1.18E-04
467 ALL	593736.8	4244885	NonCancerChronicDerived_Inh	1.18E-04	1.18E-04
604 ALL	594036.8	4245010	NonCancerChronicDerived_Inh	1.18E-04	1.18E-04
396 ALL	593836.8	4244810	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
397 ALL	593861.8	4244810	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
398 ALL	593886.8	4244810	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
419 ALL	593786.8	4244835	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
425 ALL	593936.8	4244835	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
528 ALL	594011.8	4244935	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
705 ALL	594061.8	4245110	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
399 ALL	593911.8	4244810	NonCancerChronicDerived_Inh	1.14E-04	1.14E-04
477 ALL	593986.8	4244885	NonCancerChronicDerived_Inh	1.14E-04	1.14E-04
856 ALL	594086.8	4245260	NonCancerChronicDerived_Inh	1.14E-04	1.14E-04
395 ALL	593811.8	4244810	NonCancerChronicDerived_Inh	1.12E-04	1.12E-04
579 ALL	594036.8	4244985	NonCancerChronicDerived_Inh	1.12E-04	1.12E-04
680 ALL	594061.8	4245085	NonCancerChronicDerived_Inh	1.12E-04	1.12E-04
400 ALL	593936.8	4244810	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
418 ALL	593761.8	4244835	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
426 ALL	593961.8	4244835	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
442 ALL	593736.8	4244860	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
503 ALL	594011.8	4244910	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
831 ALL	594086.8	4245235	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
371 ALL	593836.8	4244785	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
372 ALL	593861.8	4244785	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
373 ALL	593886.8	4244785	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
394 ALL	593786.8	4244810	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
452 ALL	593986.8	4244860	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
554 ALL	594036.8	4244960	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
655 ALL	594061.8	4245060	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
374 ALL	593911.8	4244785	NonCancerChronicDerived_Inh	1.06E-04	1.06E-04
370 ALL	593811.8	4244785	NonCancerChronicDerived_Inh	1.04E-04	1.04E-04
401 ALL	593961.8	4244810	NonCancerChronicDerived_Inh	1.04E-04	1.04E-04

478	ALL	594011.8	4244885	NonCancerChronicDerived_Inh	1.04E-04	1.04E-04
630	ALL	594061.8	4245035	NonCancerChronicDerived_Inh	1.04E-04	1.04E-04
806	ALL	594086.8	4245210	NonCancerChronicDerived_Inh	1.04E-04	1.04E-04
907	ALL	594111.8	4245310	NonCancerChronicDerived_Inh	1.04E-04	1.04E-04
347	ALL	593861.8	4244760	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
348	ALL	593886.8	4244760	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
375	ALL	593936.8	4244785	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
393	ALL	593761.8	4244810	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
417	ALL	593736.8	4244835	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
427	ALL	593986.8	4244835	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
529	ALL	594036.8	4244935	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
781	ALL	594086.8	4245185	NonCancerChronicDerived_Inh	1.02E-04	1.02E-04
346	ALL	593836.8	4244760	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
349	ALL	593911.8	4244760	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
369	ALL	593786.8	4244785	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
605	ALL	594061.8	4245010	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
345	ALL	593811.8	4244760	NonCancerChronicDerived_Inh	9.80E-05	9.80E-05
376	ALL	593961.8	4244785	NonCancerChronicDerived_Inh	9.80E-05	9.80E-05
453	ALL	594011.8	4244860	NonCancerChronicDerived_Inh	9.80E-05	9.80E-05
504	ALL	594036.8	4244910	NonCancerChronicDerived_Inh	9.80E-05	9.80E-05
756	ALL	594086.8	4245160	NonCancerChronicDerived_Inh	9.80E-05	9.80E-05
882	ALL	594111.8	4245285	NonCancerChronicDerived_Inh	9.80E-05	9.80E-05
322	ALL	593861.8	4244735	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
323	ALL	593886.8	4244735	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
350	ALL	593936.8	4244760	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
392	ALL	593736.8	4244810	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
402	ALL	593986.8	4244810	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
580	ALL	594061.8	4244985	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
731	ALL	594086.8	4245135	NonCancerChronicDerived_Inh	9.60E-05	9.60E-05
321	ALL	593836.8	4244735	NonCancerChronicDerived_Inh	9.40E-05	9.40E-05
324	ALL	593911.8	4244735	NonCancerChronicDerived_Inh	9.40E-05	9.40E-05
344	ALL	593786.8	4244760	NonCancerChronicDerived_Inh	9.40E-05	9.40E-05
368	ALL	593761.8	4244785	NonCancerChronicDerived_Inh	9.40E-05	9.40E-05
428	ALL	594011.8	4244835	NonCancerChronicDerived_Inh	9.40E-05	9.40E-05
706	ALL	594086.8	4245110	NonCancerChronicDerived_Inh	9.40E-05	9.40E-05
320	ALL	593811.8	4244735	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
351	ALL	593961.8	4244760	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
479	ALL	594036.8	4244885	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
555	ALL	594061.8	4244960	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
857	ALL	594111.8	4245260	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
297	ALL	593861.8	4244710	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
298	ALL	593886.8	4244710	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
325	ALL	593936.8	4244735	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
367	ALL	593736.8	4244785	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
377	ALL	593986.8	4244785	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
681	ALL	594086.8	4245085	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
296	ALL	593836.8	4244710	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05

299	ALL	593911.8	4244710	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
319	ALL	593786.8	4244735	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
343	ALL	593761.8	4244760	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
403	ALL	594011.8	4244810	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
454	ALL	594036.8	4244860	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
530	ALL	594061.8	4244935	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
656	ALL	594086.8	4245060	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
832	ALL	594111.8	4245235	NonCancerChronicDerived_Inh	8.80E-05	8.80E-05
295	ALL	593811.8	4244710	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
300	ALL	593936.8	4244710	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
326	ALL	593961.8	4244735	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
352	ALL	593986.8	4244760	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
505	ALL	594061.8	4244910	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
631	ALL	594086.8	4245035	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
908	ALL	594136.8	4245310	NonCancerChronicDerived_Inh	8.60E-05	8.60E-05
318	ALL	593761.8	4244735	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
342	ALL	593736.8	4244760	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
378	ALL	594011.8	4244785	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
429	ALL	594036.8	4244835	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
606	ALL	594086.8	4245010	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
807	ALL	594111.8	4245210	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
294	ALL	593786.8	4244710	NonCancerChronicDerived_Inh	8.20E-05	8.20E-05
301	ALL	593961.8	4244710	NonCancerChronicDerived_Inh	8.20E-05	8.20E-05
327	ALL	593986.8	4244735	NonCancerChronicDerived_Inh	8.20E-05	8.20E-05
480	ALL	594061.8	4244885	NonCancerChronicDerived_Inh	8.20E-05	8.20E-05
581	ALL	594086.8	4244985	NonCancerChronicDerived_Inh	8.20E-05	8.20E-05
782	ALL	594111.8	4245185	NonCancerChronicDerived_Inh	8.20E-05	8.20E-05
353	ALL	594011.8	4244760	NonCancerChronicDerived_Inh	8.00E-05	8.00E-05
404	ALL	594036.8	4244810	NonCancerChronicDerived_Inh	8.00E-05	8.00E-05
556	ALL	594086.8	4244960	NonCancerChronicDerived_Inh	8.00E-05	8.00E-05
757	ALL	594111.8	4245160	NonCancerChronicDerived_Inh	8.00E-05	8.00E-05
883	ALL	594136.8	4245285	NonCancerChronicDerived_Inh	8.00E-05	8.00E-05
293	ALL	593761.8	4244710	NonCancerChronicDerived_Inh	7.80E-05	7.80E-05
302	ALL	593986.8	4244710	NonCancerChronicDerived_Inh	7.80E-05	7.80E-05
317	ALL	593736.8	4244735	NonCancerChronicDerived_Inh	7.80E-05	7.80E-05
455	ALL	594061.8	4244860	NonCancerChronicDerived_Inh	7.80E-05	7.80E-05
732	ALL	594111.8	4245135	NonCancerChronicDerived_Inh	7.80E-05	7.80E-05
328	ALL	594011.8	4244735	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
379	ALL	594036.8	4244785	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
430	ALL	594061.8	4244835	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
531	ALL	594086.8	4244935	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
707	ALL	594111.8	4245110	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
858	ALL	594136.8	4245260	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
292	ALL	593736.8	4244710	NonCancerChronicDerived_Inh	7.40E-05	7.40E-05
354	ALL	594036.8	4244760	NonCancerChronicDerived_Inh	7.40E-05	7.40E-05
506	ALL	594086.8	4244910	NonCancerChronicDerived_Inh	7.40E-05	7.40E-05
657	ALL	594111.8	4245060	NonCancerChronicDerived_Inh	7.40E-05	7.40E-05

682	ALL	594111.8	4245085	NonCancerChronicDerived_Inh	7.40E-05	7.40E-05
303	ALL	594011.8	4244710	NonCancerChronicDerived_Inh	7.20E-05	7.20E-05
405	ALL	594061.8	4244810	NonCancerChronicDerived_Inh	7.20E-05	7.20E-05
481	ALL	594086.8	4244885	NonCancerChronicDerived_Inh	7.20E-05	7.20E-05
632	ALL	594111.8	4245035	NonCancerChronicDerived_Inh	7.20E-05	7.20E-05
833	ALL	594136.8	4245235	NonCancerChronicDerived_Inh	7.20E-05	7.20E-05
909	ALL	594161.8	4245310	NonCancerChronicDerived_Inh	7.20E-05	7.20E-05
329	ALL	594036.8	4244735	NonCancerChronicDerived_Inh	7.00E-05	7.00E-05
380	ALL	594061.8	4244785	NonCancerChronicDerived_Inh	7.00E-05	7.00E-05
456	ALL	594086.8	4244860	NonCancerChronicDerived_Inh	7.00E-05	7.00E-05
607	ALL	594111.8	4245010	NonCancerChronicDerived_Inh	7.00E-05	7.00E-05
808	ALL	594136.8	4245210	NonCancerChronicDerived_Inh	7.00E-05	7.00E-05
304	ALL	594036.8	4244710	NonCancerChronicDerived_Inh	6.80E-05	6.80E-05
431	ALL	594086.8	4244835	NonCancerChronicDerived_Inh	6.80E-05	6.80E-05
557	ALL	594111.8	4244960	NonCancerChronicDerived_Inh	6.80E-05	6.80E-05
582	ALL	594111.8	4244985	NonCancerChronicDerived_Inh	6.80E-05	6.80E-05
783	ALL	594136.8	4245185	NonCancerChronicDerived_Inh	6.80E-05	6.80E-05
884	ALL	594161.8	4245285	NonCancerChronicDerived_Inh	6.80E-05	6.80E-05
355	ALL	594061.8	4244760	NonCancerChronicDerived_Inh	6.60E-05	6.60E-05
532	ALL	594111.8	4244935	NonCancerChronicDerived_Inh	6.60E-05	6.60E-05
758	ALL	594136.8	4245160	NonCancerChronicDerived_Inh	6.60E-05	6.60E-05
330	ALL	594061.8	4244735	NonCancerChronicDerived_Inh	6.40E-05	6.40E-05
406	ALL	594086.8	4244810	NonCancerChronicDerived_Inh	6.40E-05	6.40E-05
507	ALL	594111.8	4244910	NonCancerChronicDerived_Inh	6.40E-05	6.40E-05
733	ALL	594136.8	4245135	NonCancerChronicDerived_Inh	6.40E-05	6.40E-05
859	ALL	594161.8	4245260	NonCancerChronicDerived_Inh	6.40E-05	6.40E-05
305	ALL	594061.8	4244710	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
381	ALL	594086.8	4244785	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
457	ALL	594111.8	4244860	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
482	ALL	594111.8	4244885	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
683	ALL	594136.8	4245085	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
708	ALL	594136.8	4245110	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
834	ALL	594161.8	4245235	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
910	ALL	594186.8	4245310	NonCancerChronicDerived_Inh	6.20E-05	6.20E-05
356	ALL	594086.8	4244760	NonCancerChronicDerived_Inh	6.00E-05	6.00E-05
432	ALL	594111.8	4244835	NonCancerChronicDerived_Inh	6.00E-05	6.00E-05
633	ALL	594136.8	4245035	NonCancerChronicDerived_Inh	6.00E-05	6.00E-05
658	ALL	594136.8	4245060	NonCancerChronicDerived_Inh	6.00E-05	6.00E-05
331	ALL	594086.8	4244735	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
407	ALL	594111.8	4244810	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
558	ALL	594136.8	4244960	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
583	ALL	594136.8	4244985	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
608	ALL	594136.8	4245010	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
809	ALL	594161.8	4245210	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
885	ALL	594186.8	4245285	NonCancerChronicDerived_Inh	5.80E-05	5.80E-05
306	ALL	594086.8	4244710	NonCancerChronicDerived_Inh	5.60E-05	5.60E-05
382	ALL	594111.8	4244785	NonCancerChronicDerived_Inh	5.60E-05	5.60E-05

508	ALL	594136.8	4244910	NonCancerChronicDerived_Inh	5.60E-05	5.60E-05
533	ALL	594136.8	4244935	NonCancerChronicDerived_Inh	5.60E-05	5.60E-05
784	ALL	594161.8	4245185	NonCancerChronicDerived_Inh	5.60E-05	5.60E-05
860	ALL	594186.8	4245260	NonCancerChronicDerived_Inh	5.60E-05	5.60E-05
357	ALL	594111.8	4244760	NonCancerChronicDerived_Inh	5.40E-05	5.40E-05
458	ALL	594136.8	4244860	NonCancerChronicDerived_Inh	5.40E-05	5.40E-05
483	ALL	594136.8	4244885	NonCancerChronicDerived_Inh	5.40E-05	5.40E-05
734	ALL	594161.8	4245135	NonCancerChronicDerived_Inh	5.40E-05	5.40E-05
759	ALL	594161.8	4245160	NonCancerChronicDerived_Inh	5.40E-05	5.40E-05
911	ALL	594211.8	4245310	NonCancerChronicDerived_Inh	5.40E-05	5.40E-05
307	ALL	594111.8	4244710	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
332	ALL	594111.8	4244735	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
408	ALL	594136.8	4244810	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
433	ALL	594136.8	4244835	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
684	ALL	594161.8	4245085	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
709	ALL	594161.8	4245110	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
835	ALL	594186.8	4245235	NonCancerChronicDerived_Inh	5.20E-05	5.20E-05
383	ALL	594136.8	4244785	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
584	ALL	594161.8	4244985	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
609	ALL	594161.8	4245010	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
634	ALL	594161.8	4245035	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
659	ALL	594161.8	4245060	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
810	ALL	594186.8	4245210	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
886	ALL	594211.8	4245285	NonCancerChronicDerived_Inh	5.00E-05	5.00E-05
333	ALL	594136.8	4244735	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
358	ALL	594136.8	4244760	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
484	ALL	594161.8	4244885	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
509	ALL	594161.8	4244910	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
534	ALL	594161.8	4244935	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
559	ALL	594161.8	4244960	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
785	ALL	594186.8	4245185	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
861	ALL	594211.8	4245260	NonCancerChronicDerived_Inh	4.80E-05	4.80E-05
308	ALL	594136.8	4244710	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
434	ALL	594161.8	4244835	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
459	ALL	594161.8	4244860	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
735	ALL	594186.8	4245135	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
760	ALL	594186.8	4245160	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
836	ALL	594211.8	4245235	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
912	ALL	594236.8	4245310	NonCancerChronicDerived_Inh	4.60E-05	4.60E-05
359	ALL	594161.8	4244760	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
384	ALL	594161.8	4244785	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
409	ALL	594161.8	4244810	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
685	ALL	594186.8	4245085	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
710	ALL	594186.8	4245110	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
811	ALL	594211.8	4245210	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
887	ALL	594236.8	4245285	NonCancerChronicDerived_Inh	4.40E-05	4.40E-05
309	ALL	594161.8	4244710	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05

334	ALL	594161.8	4244735	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
535	ALL	594186.8	4244935	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
560	ALL	594186.8	4244960	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
585	ALL	594186.8	4244985	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
610	ALL	594186.8	4245010	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
635	ALL	594186.8	4245035	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
660	ALL	594186.8	4245060	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
786	ALL	594211.8	4245185	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
862	ALL	594236.8	4245260	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
913	ALL	594261.8	4245310	NonCancerChronicDerived_Inh	4.20E-05	4.20E-05
410	ALL	594186.8	4244810	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
435	ALL	594186.8	4244835	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
460	ALL	594186.8	4244860	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
485	ALL	594186.8	4244885	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
510	ALL	594186.8	4244910	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
736	ALL	594211.8	4245135	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
761	ALL	594211.8	4245160	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
837	ALL	594236.8	4245235	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
888	ALL	594261.8	4245285	NonCancerChronicDerived_Inh	4.00E-05	4.00E-05
310	ALL	594186.8	4244710	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
335	ALL	594186.8	4244735	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
360	ALL	594186.8	4244760	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
385	ALL	594186.8	4244785	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
686	ALL	594211.8	4245085	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
711	ALL	594211.8	4245110	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
812	ALL	594236.8	4245210	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
863	ALL	594261.8	4245260	NonCancerChronicDerived_Inh	3.80E-05	3.80E-05
461	ALL	594211.8	4244860	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
486	ALL	594211.8	4244885	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
511	ALL	594211.8	4244910	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
536	ALL	594211.8	4244935	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
561	ALL	594211.8	4244960	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
586	ALL	594211.8	4244985	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
611	ALL	594211.8	4245010	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
636	ALL	594211.8	4245035	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
661	ALL	594211.8	4245060	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
762	ALL	594236.8	4245160	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
787	ALL	594236.8	4245185	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
838	ALL	594261.8	4245235	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
889	ALL	594286.8	4245285	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
914	ALL	594286.8	4245310	NonCancerChronicDerived_Inh	3.60E-05	3.60E-05
311	ALL	594211.8	4244710	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
336	ALL	594211.8	4244735	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
361	ALL	594211.8	4244760	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
386	ALL	594211.8	4244785	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
411	ALL	594211.8	4244810	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
436	ALL	594211.8	4244835	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05



712	ALL	594236.8	4245110	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
737	ALL	594236.8	4245135	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
813	ALL	594261.8	4245210	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
864	ALL	594286.8	4245260	NonCancerChronicDerived_Inh	3.40E-05	3.40E-05
612	ALL	594236.8	4245010	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
637	ALL	594236.8	4245035	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
662	ALL	594236.8	4245060	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
687	ALL	594236.8	4245085	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
763	ALL	594261.8	4245160	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
788	ALL	594261.8	4245185	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
839	ALL	594286.8	4245235	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
890	ALL	594311.8	4245285	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
915	ALL	594311.8	4245310	NonCancerChronicDerived_Inh	3.20E-05	3.20E-05
312	ALL	594236.8	4244710	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
337	ALL	594236.8	4244735	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
362	ALL	594236.8	4244760	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
387	ALL	594236.8	4244785	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
412	ALL	594236.8	4244810	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
437	ALL	594236.8	4244835	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
462	ALL	594236.8	4244860	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
487	ALL	594236.8	4244885	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
512	ALL	594236.8	4244910	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
537	ALL	594236.8	4244935	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
562	ALL	594236.8	4244960	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
587	ALL	594236.8	4244985	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
713	ALL	594261.8	4245110	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
738	ALL	594261.8	4245135	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
789	ALL	594286.8	4245185	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
814	ALL	594286.8	4245210	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
865	ALL	594311.8	4245260	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
916	ALL	594336.8	4245310	NonCancerChronicDerived_Inh	3.00E-05	3.00E-05
613	ALL	594261.8	4245010	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
638	ALL	594261.8	4245035	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
663	ALL	594261.8	4245060	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
688	ALL	594261.8	4245085	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
739	ALL	594286.8	4245135	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
764	ALL	594286.8	4245160	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
815	ALL	594311.8	4245210	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
840	ALL	594311.8	4245235	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
866	ALL	594336.8	4245260	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
891	ALL	594336.8	4245285	NonCancerChronicDerived_Inh	2.80E-05	2.80E-05
313	ALL	594261.8	4244710	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
338	ALL	594261.8	4244735	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
363	ALL	594261.8	4244760	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
388	ALL	594261.8	4244785	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
413	ALL	594261.8	4244810	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
438	ALL	594261.8	4244835	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05

463	ALL	594261.8	4244860	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
488	ALL	594261.8	4244885	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
513	ALL	594261.8	4244910	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
538	ALL	594261.8	4244935	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
563	ALL	594261.8	4244960	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
588	ALL	594261.8	4244985	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
664	ALL	594286.8	4245060	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
689	ALL	594286.8	4245085	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
714	ALL	594286.8	4245110	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
765	ALL	594311.8	4245160	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
790	ALL	594311.8	4245185	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
816	ALL	594336.8	4245210	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
841	ALL	594336.8	4245235	NonCancerChronicDerived_Inh	2.60E-05	2.60E-05
314	ALL	594286.8	4244710	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
339	ALL	594286.8	4244735	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
364	ALL	594286.8	4244760	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
389	ALL	594286.8	4244785	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
414	ALL	594286.8	4244810	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
439	ALL	594286.8	4244835	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
464	ALL	594286.8	4244860	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
489	ALL	594286.8	4244885	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
514	ALL	594286.8	4244910	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
539	ALL	594286.8	4244935	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
564	ALL	594286.8	4244960	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
589	ALL	594286.8	4244985	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
614	ALL	594286.8	4245010	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
639	ALL	594286.8	4245035	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
690	ALL	594311.8	4245085	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
715	ALL	594311.8	4245110	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
740	ALL	594311.8	4245135	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
766	ALL	594336.8	4245160	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
791	ALL	594336.8	4245185	NonCancerChronicDerived_Inh	2.40E-05	2.40E-05
590	ALL	594311.8	4244985	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
615	ALL	594311.8	4245010	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
640	ALL	594311.8	4245035	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
665	ALL	594311.8	4245060	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
691	ALL	594336.8	4245085	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
716	ALL	594336.8	4245110	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
741	ALL	594336.8	4245135	NonCancerChronicDerived_Inh	2.20E-05	2.20E-05
315	ALL	594311.8	4244710	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
340	ALL	594311.8	4244735	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
365	ALL	594311.8	4244760	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
390	ALL	594311.8	4244785	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
415	ALL	594311.8	4244810	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
440	ALL	594311.8	4244835	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
465	ALL	594311.8	4244860	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
490	ALL	594311.8	4244885	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05

515 ALL	594311.8	4244910	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
540 ALL	594311.8	4244935	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
565 ALL	594311.8	4244960	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
591 ALL	594336.8	4244985	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
616 ALL	594336.8	4245010	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
641 ALL	594336.8	4245035	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
666 ALL	594336.8	4245060	NonCancerChronicDerived_Inh	2.00E-05	2.00E-05
316 ALL	594336.8	4244710	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
341 ALL	594336.8	4244735	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
366 ALL	594336.8	4244760	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
391 ALL	594336.8	4244785	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
416 ALL	594336.8	4244810	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
441 ALL	594336.8	4244835	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
466 ALL	594336.8	4244860	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
491 ALL	594336.8	4244885	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
516 ALL	594336.8	4244910	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
541 ALL	594336.8	4244935	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05
566 ALL	594336.8	4244960	NonCancerChronicDerived_Inh	1.80E-05	1.80E-05

**Farm at Alamo Specific Plan - Construction Health Risk Assessment - Cancer Risk for On-Site Residences**

\*HARP - HRACalc v17023 6/3/2018 9:32:36 AM - Cancer Risk, Sorted from Max to Min

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
75	ALL	593873.9	4245577	7.41E-06	5YrCancerDerived_Inh_FAH16to70	7.41E-06
74	ALL	593829	4245577	7.08E-06	5YrCancerDerived_Inh_FAH16to70	7.08E-06
76	ALL	593918.7	4245577	6.78E-06	5YrCancerDerived_Inh_FAH16to70	6.78E-06
73	ALL	593784.2	4245577	5.78E-06	5YrCancerDerived_Inh_FAH16to70	5.78E-06
81	ALL	593896.2	4245602	5.05E-06	5YrCancerDerived_Inh_FAH16to70	5.05E-06
80	ALL	593851.4	4245602	5.01E-06	5YrCancerDerived_Inh_FAH16to70	5.01E-06
166	ALL	593966.2	4245507	4.96E-06	5YrCancerDerived_Inh_FAH16to70	4.96E-06
165	ALL	593966.2	4245530	4.93E-06	5YrCancerDerived_Inh_FAH16to70	4.93E-06
167	ALL	593966.2	4245485	4.87E-06	5YrCancerDerived_Inh_FAH16to70	4.87E-06
164	ALL	593966.2	4245552	4.76E-06	5YrCancerDerived_Inh_FAH16to70	4.76E-06
168	ALL	593966.2	4245462	4.67E-06	5YrCancerDerived_Inh_FAH16to70	4.67E-06
169	ALL	593966.2	4245440	4.34E-06	5YrCancerDerived_Inh_FAH16to70	4.34E-06
79	ALL	593806.5	4245602	4.32E-06	5YrCancerDerived_Inh_FAH16to70	4.32E-06
82	ALL	593941.1	4245602	4.30E-06	5YrCancerDerived_Inh_FAH16to70	4.30E-06
170	ALL	593966.2	4245417	3.87E-06	5YrCancerDerived_Inh_FAH16to70	3.87E-06
4	ALL	593714.6	4245440	3.78E-06	5YrCancerDerived_Inh_FAH16to70	3.78E-06
5	ALL	593714.6	4245462	3.76E-06	5YrCancerDerived_Inh_FAH16to70	3.76E-06
88	ALL	593896.2	4245627	3.73E-06	5YrCancerDerived_Inh_FAH16to70	3.73E-06
3	ALL	593714.7	4245418	3.70E-06	5YrCancerDerived_Inh_FAH16to70	3.70E-06
87	ALL	593851.3	4245627	3.61E-06	5YrCancerDerived_Inh_FAH16to70	3.61E-06
6	ALL	593714.5	4245507	3.38E-06	5YrCancerDerived_Inh_FAH16to70	3.38E-06
174	ALL	593983.8	4245570	3.37E-06	5YrCancerDerived_Inh_FAH16to70	3.37E-06
89	ALL	593941	4245627	3.34E-06	5YrCancerDerived_Inh_FAH16to70	3.34E-06
171	ALL	593966.2	4245395	3.24E-06	5YrCancerDerived_Inh_FAH16to70	3.24E-06
2	ALL	593714.7	4245373	3.20E-06	5YrCancerDerived_Inh_FAH16to70	3.20E-06
72	ALL	593739.3	4245577	3.07E-06	5YrCancerDerived_Inh_FAH16to70	3.07E-06
175	ALL	593991.2	4245530	3.06E-06	5YrCancerDerived_Inh_FAH16to70	3.06E-06
86	ALL	593806.5	4245627	3.03E-06	5YrCancerDerived_Inh_FAH16to70	3.03E-06
7	ALL	593714.4	4245529	3.00E-06	5YrCancerDerived_Inh_FAH16to70	3.00E-06
184	ALL	593976.5	4245613	2.97E-06	5YrCancerDerived_Inh_FAH16to70	2.97E-06
176	ALL	593991.2	4245507	2.97E-06	5YrCancerDerived_Inh_FAH16to70	2.97E-06
78	ALL	593761.7	4245602	2.95E-06	5YrCancerDerived_Inh_FAH16to70	2.95E-06
97	ALL	593896.1	4245652	2.86E-06	5YrCancerDerived_Inh_FAH16to70	2.86E-06
177	ALL	593991.2	4245485	2.81E-06	5YrCancerDerived_Inh_FAH16to70	2.81E-06
1	ALL	593714.8	4245350	2.73E-06	5YrCancerDerived_Inh_FAH16to70	2.73E-06
96	ALL	593851.3	4245652	2.71E-06	5YrCancerDerived_Inh_FAH16to70	2.71E-06
98	ALL	593941	4245652	2.67E-06	5YrCancerDerived_Inh_FAH16to70	2.67E-06
178	ALL	593991.2	4245462	2.60E-06	5YrCancerDerived_Inh_FAH16to70	2.60E-06
172	ALL	593966.2	4245372	2.53E-06	5YrCancerDerived_Inh_FAH16to70	2.53E-06
8	ALL	593714.4	4245552	2.49E-06	5YrCancerDerived_Inh_FAH16to70	2.49E-06
183	ALL	594008.8	4245570	2.36E-06	5YrCancerDerived_Inh_FAH16to70	2.36E-06
179	ALL	593991.2	4245440	2.33E-06	5YrCancerDerived_Inh_FAH16to70	2.33E-06
196	ALL	593994.1	4245630	2.31E-06	5YrCancerDerived_Inh_FAH16to70	2.31E-06

95 ALL	593806.4	4245652	2.25E-06	5YrCancerDerived_Inh_FAH16to70	2.25E-06
106 ALL	593896.1	4245677	2.25E-06	5YrCancerDerived_Inh_FAH16to70	2.25E-06
11 ALL	593689.6	4245440	2.22E-06	5YrCancerDerived_Inh_FAH16to70	2.22E-06
12 ALL	593689.6	4245462	2.20E-06	5YrCancerDerived_Inh_FAH16to70	2.20E-06
10 ALL	593689.7	4245418	2.18E-06	5YrCancerDerived_Inh_FAH16to70	2.18E-06
107 ALL	593940.9	4245677	2.17E-06	5YrCancerDerived_Inh_FAH16to70	2.17E-06
208 ALL	593976.3	4245663	2.13E-06	5YrCancerDerived_Inh_FAH16to70	2.13E-06
85 ALL	593761.6	4245627	2.13E-06	5YrCancerDerived_Inh_FAH16to70	2.13E-06
105 ALL	593851.2	4245677	2.09E-06	5YrCancerDerived_Inh_FAH16to70	2.09E-06
185 ALL	594016.2	4245530	2.05E-06	5YrCancerDerived_Inh_FAH16to70	2.05E-06
173 ALL	593966.2	4245350	2.02E-06	5YrCancerDerived_Inh_FAH16to70	2.02E-06
13 ALL	593689.5	4245507	2.01E-06	5YrCancerDerived_Inh_FAH16to70	2.01E-06
180 ALL	593991.2	4245417	2.01E-06	5YrCancerDerived_Inh_FAH16to70	2.01E-06
195 ALL	594019.2	4245605	2.00E-06	5YrCancerDerived_Inh_FAH16to70	2.00E-06
186 ALL	594016.2	4245507	1.94E-06	5YrCancerDerived_Inh_FAH16to70	1.94E-06
9 ALL	593689.7	4245373	1.93E-06	5YrCancerDerived_Inh_FAH16to70	1.93E-06
207 ALL	594011.8	4245648	1.86E-06	5YrCancerDerived_Inh_FAH16to70	1.86E-06
77 ALL	593721.6	4245595	1.84E-06	5YrCancerDerived_Inh_FAH16to70	1.84E-06
14 ALL	593689.4	4245529	1.83E-06	5YrCancerDerived_Inh_FAH16to70	1.83E-06
116 ALL	593896	4245702	1.81E-06	5YrCancerDerived_Inh_FAH16to70	1.81E-06
117 ALL	593940.9	4245702	1.79E-06	5YrCancerDerived_Inh_FAH16to70	1.79E-06
187 ALL	594016.2	4245485	1.79E-06	5YrCancerDerived_Inh_FAH16to70	1.79E-06
222 ALL	593994	4245680	1.76E-06	5YrCancerDerived_Inh_FAH16to70	1.76E-06
104 ALL	593806.4	4245677	1.74E-06	5YrCancerDerived_Inh_FAH16to70	1.74E-06
194 ALL	594033.8	4245570	1.71E-06	5YrCancerDerived_Inh_FAH16to70	1.71E-06
181 ALL	593991.2	4245395	1.67E-06	5YrCancerDerived_Inh_FAH16to70	1.67E-06
115 ALL	593851.2	4245702	1.67E-06	5YrCancerDerived_Inh_FAH16to70	1.67E-06
94 ALL	593761.6	4245652	1.63E-06	5YrCancerDerived_Inh_FAH16to70	1.63E-06
188 ALL	594016.2	4245462	1.61E-06	5YrCancerDerived_Inh_FAH16to70	1.61E-06
15 ALL	593689.4	4245552	1.59E-06	5YrCancerDerived_Inh_FAH16to70	1.59E-06
206 ALL	594044.2	4245605	1.53E-06	5YrCancerDerived_Inh_FAH16to70	1.53E-06
221 ALL	594029.4	4245666	1.53E-06	5YrCancerDerived_Inh_FAH16to70	1.53E-06
235 ALL	594002.8	4245702	1.50E-06	5YrCancerDerived_Inh_FAH16to70	1.50E-06
127 ALL	593940.8	4245727	1.50E-06	5YrCancerDerived_Inh_FAH16to70	1.50E-06
126 ALL	593896	4245727	1.48E-06	5YrCancerDerived_Inh_FAH16to70	1.48E-06
83 ALL	593721.6	4245620	1.46E-06	5YrCancerDerived_Inh_FAH16to70	1.46E-06
19 ALL	593664.6	4245440	1.46E-06	5YrCancerDerived_Inh_FAH16to70	1.46E-06
18 ALL	593664.7	4245417	1.44E-06	5YrCancerDerived_Inh_FAH16to70	1.44E-06
197 ALL	594041.2	4245530	1.44E-06	5YrCancerDerived_Inh_FAH16to70	1.44E-06
20 ALL	593664.5	4245485	1.41E-06	5YrCancerDerived_Inh_FAH16to70	1.41E-06
189 ALL	594016.2	4245440	1.41E-06	5YrCancerDerived_Inh_FAH16to70	1.41E-06
114 ALL	593806.3	4245702	1.39E-06	5YrCancerDerived_Inh_FAH16to70	1.39E-06
17 ALL	593664.7	4245395	1.39E-06	5YrCancerDerived_Inh_FAH16to70	1.39E-06
182 ALL	593991.2	4245372	1.39E-06	5YrCancerDerived_Inh_FAH16to70	1.39E-06
125 ALL	593851.1	4245727	1.35E-06	5YrCancerDerived_Inh_FAH16to70	1.35E-06
21 ALL	593664.5	4245507	1.34E-06	5YrCancerDerived_Inh_FAH16to70	1.34E-06
220 ALL	594054.5	4245641	1.34E-06	5YrCancerDerived_Inh_FAH16to70	1.34E-06

198	ALL	594041.2	4245507	1.33E-06	5YrCancerDerived_Inh_FAH16to70	1.33E-06
250	ALL	593981.3	4245736	1.33E-06	5YrCancerDerived_Inh_FAH16to70	1.33E-06
16	ALL	593664.7	4245373	1.30E-06	5YrCancerDerived_Inh_FAH16to70	1.30E-06
103	ALL	593761.5	4245677	1.30E-06	5YrCancerDerived_Inh_FAH16to70	1.30E-06
234	ALL	594044.1	4245685	1.30E-06	5YrCancerDerived_Inh_FAH16to70	1.30E-06
249	ALL	594021.7	4245719	1.28E-06	5YrCancerDerived_Inh_FAH16to70	1.28E-06
205	ALL	594058.8	4245570	1.27E-06	5YrCancerDerived_Inh_FAH16to70	1.27E-06
138	ALL	593940.8	4245752	1.26E-06	5YrCancerDerived_Inh_FAH16to70	1.26E-06
22	ALL	593664.4	4245529	1.24E-06	5YrCancerDerived_Inh_FAH16to70	1.24E-06
137	ALL	593895.9	4245752	1.23E-06	5YrCancerDerived_Inh_FAH16to70	1.23E-06
190	ALL	594016.2	4245417	1.21E-06	5YrCancerDerived_Inh_FAH16to70	1.21E-06
199	ALL	594041.2	4245485	1.20E-06	5YrCancerDerived_Inh_FAH16to70	1.20E-06
90	ALL	593721.5	4245645	1.19E-06	5YrCancerDerived_Inh_FAH16to70	1.19E-06
219	ALL	594069.2	4245605	1.18E-06	5YrCancerDerived_Inh_FAH16to70	1.18E-06
266	ALL	594000.5	4245753	1.15E-06	5YrCancerDerived_Inh_FAH16to70	1.15E-06
124	ALL	593806.3	4245727	1.14E-06	5YrCancerDerived_Inh_FAH16to70	1.14E-06
233	ALL	594073.4	4245656	1.12E-06	5YrCancerDerived_Inh_FAH16to70	1.12E-06
136	ALL	593851.1	4245752	1.12E-06	5YrCancerDerived_Inh_FAH16to70	1.12E-06
248	ALL	594062.2	4245702	1.11E-06	5YrCancerDerived_Inh_FAH16to70	1.11E-06
84	ALL	593678.9	4245587	1.09E-06	5YrCancerDerived_Inh_FAH16to70	1.09E-06
265	ALL	594040.3	4245736	1.09E-06	5YrCancerDerived_Inh_FAH16to70	1.09E-06
113	ALL	593761.5	4245702	1.07E-06	5YrCancerDerived_Inh_FAH16to70	1.07E-06
150	ALL	593940.7	4245777	1.07E-06	5YrCancerDerived_Inh_FAH16to70	1.07E-06
200	ALL	594041.2	4245462	1.07E-06	5YrCancerDerived_Inh_FAH16to70	1.07E-06
209	ALL	594066.2	4245530	1.04E-06	5YrCancerDerived_Inh_FAH16to70	1.04E-06
26	ALL	593639.6	4245440	1.04E-06	5YrCancerDerived_Inh_FAH16to70	1.04E-06
149	ALL	593895.9	4245777	1.04E-06	5YrCancerDerived_Inh_FAH16to70	1.04E-06
25	ALL	593639.7	4245417	1.02E-06	5YrCancerDerived_Inh_FAH16to70	1.02E-06
191	ALL	594016.2	4245395	1.02E-06	5YrCancerDerived_Inh_FAH16to70	1.02E-06
27	ALL	593639.5	4245485	1.01E-06	5YrCancerDerived_Inh_FAH16to70	1.01E-06
281	ALL	594019.4	4245770	1.00E-06	5YrCancerDerived_Inh_FAH16to70	1.00E-06
24	ALL	593639.7	4245395	9.91E-07	5YrCancerDerived_Inh_FAH16to70	9.91E-07
99	ALL	593721.5	4245670	9.91E-07	5YrCancerDerived_Inh_FAH16to70	9.91E-07
282	ALL	593980	4245786	9.91E-07	5YrCancerDerived_Inh_FAH16to70	9.91E-07
232	ALL	594090.5	4245614	9.68E-07	5YrCancerDerived_Inh_FAH16to70	9.68E-07
28	ALL	593639.5	4245507	9.64E-07	5YrCancerDerived_Inh_FAH16to70	9.64E-07
218	ALL	594083.8	4245570	9.59E-07	5YrCancerDerived_Inh_FAH16to70	9.59E-07
264	ALL	594080.2	4245720	9.54E-07	5YrCancerDerived_Inh_FAH16to70	9.54E-07
135	ALL	593806.2	4245752	9.50E-07	5YrCancerDerived_Inh_FAH16to70	9.50E-07
210	ALL	594066.2	4245507	9.50E-07	5YrCancerDerived_Inh_FAH16to70	9.50E-07
280	ALL	594058.7	4245754	9.50E-07	5YrCancerDerived_Inh_FAH16to70	9.50E-07
23	ALL	593639.7	4245373	9.41E-07	5YrCancerDerived_Inh_FAH16to70	9.41E-07
148	ALL	593851	4245777	9.41E-07	5YrCancerDerived_Inh_FAH16to70	9.41E-07
201	ALL	594041.2	4245440	9.31E-07	5YrCancerDerived_Inh_FAH16to70	9.31E-07
91	ALL	593686.2	4245630	9.22E-07	5YrCancerDerived_Inh_FAH16to70	9.22E-07
163	ALL	593940.7	4245802	9.18E-07	5YrCancerDerived_Inh_FAH16to70	9.18E-07
247	ALL	594099.2	4245653	9.13E-07	5YrCancerDerived_Inh_FAH16to70	9.13E-07

29 ALL	593639.4	4245529	8.99E-07	5YrCancerDerived_Inh_FAH16to70	8.99E-07
123 ALL	593761.4	4245727	8.90E-07	5YrCancerDerived_Inh_FAH16to70	8.90E-07
162 ALL	593895.8	4245802	8.86E-07	5YrCancerDerived_Inh_FAH16to70	8.86E-07
192 ALL	594016.2	4245372	8.81E-07	5YrCancerDerived_Inh_FAH16to70	8.81E-07
211 ALL	594066.2	4245485	8.53E-07	5YrCancerDerived_Inh_FAH16to70	8.53E-07
108 ALL	593721.4	4245695	8.40E-07	5YrCancerDerived_Inh_FAH16to70	8.40E-07
263 ALL	594108.4	4245692	8.40E-07	5YrCancerDerived_Inh_FAH16to70	8.40E-07
279 ALL	594098.1	4245737	8.31E-07	5YrCancerDerived_Inh_FAH16to70	8.31E-07
93 ALL	593646.7	4245569	8.26E-07	5YrCancerDerived_Inh_FAH16to70	8.26E-07
92 ALL	593661.2	4245605	8.12E-07	5YrCancerDerived_Inh_FAH16to70	8.12E-07
147 ALL	593806.2	4245777	8.03E-07	5YrCancerDerived_Inh_FAH16to70	8.03E-07
161 ALL	593851	4245802	8.03E-07	5YrCancerDerived_Inh_FAH16to70	8.03E-07
202 ALL	594041.2	4245417	8.03E-07	5YrCancerDerived_Inh_FAH16to70	8.03E-07
100 ALL	593686.1	4245655	7.98E-07	5YrCancerDerived_Inh_FAH16to70	7.98E-07
33 ALL	593614.6	4245440	7.80E-07	5YrCancerDerived_Inh_FAH16to70	7.80E-07
193 ALL	594016.2	4245350	7.80E-07	5YrCancerDerived_Inh_FAH16to70	7.80E-07
223 ALL	594091.2	4245530	7.75E-07	5YrCancerDerived_Inh_FAH16to70	7.75E-07
32 ALL	593614.7	4245417	7.66E-07	5YrCancerDerived_Inh_FAH16to70	7.66E-07
246 ALL	594116	4245613	7.62E-07	5YrCancerDerived_Inh_FAH16to70	7.62E-07
34 ALL	593614.5	4245485	7.57E-07	5YrCancerDerived_Inh_FAH16to70	7.57E-07
134 ALL	593761.4	4245752	7.57E-07	5YrCancerDerived_Inh_FAH16to70	7.57E-07
212 ALL	594066.2	4245462	7.57E-07	5YrCancerDerived_Inh_FAH16to70	7.57E-07
231 ALL	594107.6	4245573	7.53E-07	5YrCancerDerived_Inh_FAH16to70	7.53E-07
31 ALL	593614.7	4245395	7.48E-07	5YrCancerDerived_Inh_FAH16to70	7.48E-07
262 ALL	594124.9	4245652	7.39E-07	5YrCancerDerived_Inh_FAH16to70	7.39E-07
35 ALL	593614.5	4245507	7.30E-07	5YrCancerDerived_Inh_FAH16to70	7.30E-07
30 ALL	593614.7	4245373	7.16E-07	5YrCancerDerived_Inh_FAH16to70	7.16E-07
118 ALL	593718.4	4245718	7.11E-07	5YrCancerDerived_Inh_FAH16to70	7.11E-07
224 ALL	594091.2	4245507	7.02E-07	5YrCancerDerived_Inh_FAH16to70	7.02E-07
109 ALL	593686.1	4245680	6.97E-07	5YrCancerDerived_Inh_FAH16to70	6.97E-07
203 ALL	594041.2	4245395	6.97E-07	5YrCancerDerived_Inh_FAH16to70	6.97E-07
278 ALL	594134.1	4245690	6.97E-07	5YrCancerDerived_Inh_FAH16to70	6.97E-07
160 ALL	593806.1	4245802	6.88E-07	5YrCancerDerived_Inh_FAH16to70	6.88E-07
36 ALL	593614.4	4245529	6.84E-07	5YrCancerDerived_Inh_FAH16to70	6.84E-07
213 ALL	594066.2	4245440	6.61E-07	5YrCancerDerived_Inh_FAH16to70	6.61E-07
146 ALL	593761.3	4245777	6.47E-07	5YrCancerDerived_Inh_FAH16to70	6.47E-07
102 ALL	593628.9	4245587	6.38E-07	5YrCancerDerived_Inh_FAH16to70	6.38E-07
101 ALL	593643.5	4245622	6.33E-07	5YrCancerDerived_Inh_FAH16to70	6.33E-07
225 ALL	594091.2	4245485	6.29E-07	5YrCancerDerived_Inh_FAH16to70	6.29E-07
128 ALL	593718.8	4245743	6.19E-07	5YrCancerDerived_Inh_FAH16to70	6.19E-07
204 ALL	594041.2	4245372	6.10E-07	5YrCancerDerived_Inh_FAH16to70	6.10E-07
261 ALL	594141.4	4245612	6.06E-07	5YrCancerDerived_Inh_FAH16to70	6.06E-07
39 ALL	593589.7	4245417	6.01E-07	5YrCancerDerived_Inh_FAH16to70	6.01E-07
40 ALL	593589.6	4245462	6.01E-07	5YrCancerDerived_Inh_FAH16to70	6.01E-07
277 ALL	594150.4	4245651	5.97E-07	5YrCancerDerived_Inh_FAH16to70	5.97E-07
41 ALL	593589.5	4245484	5.92E-07	5YrCancerDerived_Inh_FAH16to70	5.92E-07
236 ALL	594116.2	4245530	5.92E-07	5YrCancerDerived_Inh_FAH16to70	5.92E-07

245 ALL	594132.8	4245573	5.87E-07	5YrCancerDerived_Inh_FAH16to70	5.87E-07
38 ALL	593589.7	4245395	5.83E-07	5YrCancerDerived_Inh_FAH16to70	5.83E-07
119 ALL	593677.2	4245701	5.83E-07	5YrCancerDerived_Inh_FAH16to70	5.83E-07
214 ALL	594066.2	4245417	5.78E-07	5YrCancerDerived_Inh_FAH16to70	5.78E-07
42 ALL	593589.5	4245507	5.69E-07	5YrCancerDerived_Inh_FAH16to70	5.69E-07
37 ALL	593589.7	4245373	5.64E-07	5YrCancerDerived_Inh_FAH16to70	5.64E-07
159 ALL	593761.3	4245802	5.64E-07	5YrCancerDerived_Inh_FAH16to70	5.64E-07
110 ALL	593650.8	4245665	5.60E-07	5YrCancerDerived_Inh_FAH16to70	5.60E-07
226 ALL	594091.2	4245462	5.60E-07	5YrCancerDerived_Inh_FAH16to70	5.60E-07
139 ALL	593719	4245769	5.41E-07	5YrCancerDerived_Inh_FAH16to70	5.41E-07
237 ALL	594116.2	4245507	5.37E-07	5YrCancerDerived_Inh_FAH16to70	5.37E-07
129 ALL	593678.4	4245727	5.23E-07	5YrCancerDerived_Inh_FAH16to70	5.23E-07
112 ALL	593611.2	4245605	5.09E-07	5YrCancerDerived_Inh_FAH16to70	5.09E-07
215 ALL	594066.2	4245395	5.09E-07	5YrCancerDerived_Inh_FAH16to70	5.09E-07
43 ALL	593589.4	4245552	5.05E-07	5YrCancerDerived_Inh_FAH16to70	5.05E-07
111 ALL	593625.8	4245640	5.05E-07	5YrCancerDerived_Inh_FAH16to70	5.05E-07
227 ALL	594091.2	4245440	4.96E-07	5YrCancerDerived_Inh_FAH16to70	4.96E-07
47 ALL	593564.6	4245462	4.86E-07	5YrCancerDerived_Inh_FAH16to70	4.86E-07
276 ALL	594166.7	4245611	4.86E-07	5YrCancerDerived_Inh_FAH16to70	4.86E-07
46 ALL	593564.7	4245417	4.82E-07	5YrCancerDerived_Inh_FAH16to70	4.82E-07
151 ALL	593719.2	4245794	4.82E-07	5YrCancerDerived_Inh_FAH16to70	4.82E-07
238 ALL	594116.2	4245485	4.82E-07	5YrCancerDerived_Inh_FAH16to70	4.82E-07
48 ALL	593564.5	4245484	4.77E-07	5YrCancerDerived_Inh_FAH16to70	4.77E-07
45 ALL	593564.7	4245395	4.73E-07	5YrCancerDerived_Inh_FAH16to70	4.73E-07
140 ALL	593679.3	4245752	4.68E-07	5YrCancerDerived_Inh_FAH16to70	4.68E-07
260 ALL	594157.9	4245572	4.68E-07	5YrCancerDerived_Inh_FAH16to70	4.68E-07
120 ALL	593636	4245684	4.63E-07	5YrCancerDerived_Inh_FAH16to70	4.63E-07
251 ALL	594141.2	4245530	4.63E-07	5YrCancerDerived_Inh_FAH16to70	4.63E-07
44 ALL	593564.7	4245373	4.59E-07	5YrCancerDerived_Inh_FAH16to70	4.59E-07
49 ALL	593564.5	4245507	4.59E-07	5YrCancerDerived_Inh_FAH16to70	4.59E-07
216 ALL	594066.2	4245372	4.54E-07	5YrCancerDerived_Inh_FAH16to70	4.54E-07
228 ALL	594091.2	4245417	4.36E-07	5YrCancerDerived_Inh_FAH16to70	4.36E-07
239 ALL	594116.2	4245462	4.31E-07	5YrCancerDerived_Inh_FAH16to70	4.31E-07
130 ALL	593638	4245710	4.27E-07	5YrCancerDerived_Inh_FAH16to70	4.27E-07
152 ALL	593680	4245777	4.22E-07	5YrCancerDerived_Inh_FAH16to70	4.22E-07
122 ALL	593589.9	4245613	4.18E-07	5YrCancerDerived_Inh_FAH16to70	4.18E-07
252 ALL	594141.2	4245507	4.18E-07	5YrCancerDerived_Inh_FAH16to70	4.18E-07
50 ALL	593564.4	4245552	4.13E-07	5YrCancerDerived_Inh_FAH16to70	4.13E-07
121 ALL	593606.9	4245655	4.13E-07	5YrCancerDerived_Inh_FAH16to70	4.13E-07
217 ALL	594066.2	4245350	4.13E-07	5YrCancerDerived_Inh_FAH16to70	4.13E-07
53 ALL	593539.6	4245440	3.99E-07	5YrCancerDerived_Inh_FAH16to70	3.99E-07
54 ALL	593539.6	4245462	3.99E-07	5YrCancerDerived_Inh_FAH16to70	3.99E-07
141 ALL	593639.6	4245736	3.95E-07	5YrCancerDerived_Inh_FAH16to70	3.95E-07
52 ALL	593539.7	4245395	3.90E-07	5YrCancerDerived_Inh_FAH16to70	3.90E-07
55 ALL	593539.5	4245484	3.90E-07	5YrCancerDerived_Inh_FAH16to70	3.90E-07
229 ALL	594091.2	4245395	3.90E-07	5YrCancerDerived_Inh_FAH16to70	3.90E-07
240 ALL	594116.2	4245440	3.85E-07	5YrCancerDerived_Inh_FAH16to70	3.85E-07



51 ALL	593539.7	4245372	3.81E-07	5YrCancerDerived_Inh_FAH16to70	3.81E-07
253 ALL	594141.2	4245485	3.81E-07	5YrCancerDerived_Inh_FAH16to70	3.81E-07
275 ALL	594183	4245572	3.76E-07	5YrCancerDerived_Inh_FAH16to70	3.76E-07
267 ALL	594166.2	4245530	3.72E-07	5YrCancerDerived_Inh_FAH16to70	3.72E-07
153 ALL	593640.7	4245761	3.63E-07	5YrCancerDerived_Inh_FAH16to70	3.63E-07
56 ALL	593539.4	4245529	3.58E-07	5YrCancerDerived_Inh_FAH16to70	3.58E-07
132 ALL	593572.7	4245632	3.49E-07	5YrCancerDerived_Inh_FAH16to70	3.49E-07
133 ALL	593556	4245592	3.49E-07	5YrCancerDerived_Inh_FAH16to70	3.49E-07
230 ALL	594091.2	4245372	3.49E-07	5YrCancerDerived_Inh_FAH16to70	3.49E-07
131 ALL	593589.3	4245673	3.44E-07	5YrCancerDerived_Inh_FAH16to70	3.44E-07
241 ALL	594116.2	4245417	3.44E-07	5YrCancerDerived_Inh_FAH16to70	3.44E-07
57 ALL	593539.4	4245551	3.40E-07	5YrCancerDerived_Inh_FAH16to70	3.40E-07
254 ALL	594141.2	4245462	3.40E-07	5YrCancerDerived_Inh_FAH16to70	3.40E-07
60 ALL	593514.6	4245440	3.35E-07	5YrCancerDerived_Inh_FAH16to70	3.35E-07
268 ALL	594166.2	4245507	3.35E-07	5YrCancerDerived_Inh_FAH16to70	3.35E-07
61 ALL	593514.6	4245462	3.30E-07	5YrCancerDerived_Inh_FAH16to70	3.30E-07
59 ALL	593514.7	4245395	3.26E-07	5YrCancerDerived_Inh_FAH16to70	3.26E-07
62 ALL	593514.5	4245484	3.26E-07	5YrCancerDerived_Inh_FAH16to70	3.26E-07
58 ALL	593514.7	4245372	3.21E-07	5YrCancerDerived_Inh_FAH16to70	3.21E-07
142 ALL	593599.8	4245719	3.21E-07	5YrCancerDerived_Inh_FAH16to70	3.21E-07
242 ALL	594116.2	4245395	3.07E-07	5YrCancerDerived_Inh_FAH16to70	3.07E-07
255 ALL	594141.2	4245440	3.07E-07	5YrCancerDerived_Inh_FAH16to70	3.07E-07
269 ALL	594166.2	4245485	3.07E-07	5YrCancerDerived_Inh_FAH16to70	3.07E-07
63 ALL	593514.4	4245529	3.03E-07	5YrCancerDerived_Inh_FAH16to70	3.03E-07
154 ALL	593601.5	4245745	3.03E-07	5YrCancerDerived_Inh_FAH16to70	3.03E-07
283 ALL	594191.2	4245530	3.03E-07	5YrCancerDerived_Inh_FAH16to70	3.03E-07
145 ALL	593539	4245611	2.98E-07	5YrCancerDerived_Inh_FAH16to70	2.98E-07
143 ALL	593571.7	4245691	2.94E-07	5YrCancerDerived_Inh_FAH16to70	2.94E-07
144 ALL	593555.4	4245651	2.94E-07	5YrCancerDerived_Inh_FAH16to70	2.94E-07
64 ALL	593514.4	4245551	2.89E-07	5YrCancerDerived_Inh_FAH16to70	2.89E-07
66 ALL	593489.7	4245417	2.84E-07	5YrCancerDerived_Inh_FAH16to70	2.84E-07
67 ALL	593489.6	4245440	2.84E-07	5YrCancerDerived_Inh_FAH16to70	2.84E-07
68 ALL	593489.6	4245462	2.80E-07	5YrCancerDerived_Inh_FAH16to70	2.80E-07
243 ALL	594116.2	4245372	2.80E-07	5YrCancerDerived_Inh_FAH16to70	2.80E-07
65 ALL	593489.7	4245372	2.75E-07	5YrCancerDerived_Inh_FAH16to70	2.75E-07
256 ALL	594141.2	4245417	2.75E-07	5YrCancerDerived_Inh_FAH16to70	2.75E-07
270 ALL	594166.2	4245462	2.75E-07	5YrCancerDerived_Inh_FAH16to70	2.75E-07
284 ALL	594191.2	4245507	2.75E-07	5YrCancerDerived_Inh_FAH16to70	2.75E-07
69 ALL	593489.5	4245507	2.66E-07	5YrCancerDerived_Inh_FAH16to70	2.66E-07
70 ALL	593489.4	4245529	2.57E-07	5YrCancerDerived_Inh_FAH16to70	2.57E-07
157 ALL	593521.8	4245630	2.57E-07	5YrCancerDerived_Inh_FAH16to70	2.57E-07
244 ALL	594116.2	4245350	2.57E-07	5YrCancerDerived_Inh_FAH16to70	2.57E-07
156 ALL	593537.9	4245669	2.52E-07	5YrCancerDerived_Inh_FAH16to70	2.52E-07
158 ALL	593505.6	4245591	2.52E-07	5YrCancerDerived_Inh_FAH16to70	2.52E-07
257 ALL	594141.2	4245395	2.52E-07	5YrCancerDerived_Inh_FAH16to70	2.52E-07
271 ALL	594166.2	4245440	2.52E-07	5YrCancerDerived_Inh_FAH16to70	2.52E-07
285 ALL	594191.2	4245485	2.52E-07	5YrCancerDerived_Inh_FAH16to70	2.52E-07

71 ALL	593489.4	4245551	2.48E-07	5YrCancerDerived_Inh_FAH16to70	2.48E-07
155 ALL	593554.1	4245709	2.48E-07	5YrCancerDerived_Inh_FAH16to70	2.48E-07
258 ALL	594141.2	4245372	2.29E-07	5YrCancerDerived_Inh_FAH16to70	2.29E-07
272 ALL	594166.2	4245417	2.29E-07	5YrCancerDerived_Inh_FAH16to70	2.29E-07
286 ALL	594191.2	4245462	2.29E-07	5YrCancerDerived_Inh_FAH16to70	2.29E-07
259 ALL	594141.2	4245350	2.11E-07	5YrCancerDerived_Inh_FAH16to70	2.11E-07
287 ALL	594191.2	4245440	2.11E-07	5YrCancerDerived_Inh_FAH16to70	2.11E-07
273 ALL	594166.2	4245395	2.06E-07	5YrCancerDerived_Inh_FAH16to70	2.06E-07
274 ALL	594166.2	4245372	1.93E-07	5YrCancerDerived_Inh_FAH16to70	1.93E-07
288 ALL	594191.2	4245417	1.93E-07	5YrCancerDerived_Inh_FAH16to70	1.93E-07
289 ALL	594191.2	4245395	1.74E-07	5YrCancerDerived_Inh_FAH16to70	1.74E-07
290 ALL	594191.2	4245372	1.61E-07	5YrCancerDerived_Inh_FAH16to70	1.61E-07
291 ALL	594191.2	4245350	1.51E-07	5YrCancerDerived_Inh_FAH16to70	1.51E-07

**Farm at Alamo Specific Plan - Construction Health Risk Assessment - Chronic Risk for On-Site Residences**

\*HARP - HRACalc v17023 6/3/2018 9:32:36 AM - Chronic Risk, Sorted from Max to Min

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
75	ALL	593873.9	4245577	NonCancerChronicDerived_Inh	3.23E-03	3.23E-03
74	ALL	593829	4245577	NonCancerChronicDerived_Inh	3.09E-03	3.09E-03
76	ALL	593918.7	4245577	NonCancerChronicDerived_Inh	2.95E-03	2.95E-03
73	ALL	593784.2	4245577	NonCancerChronicDerived_Inh	2.52E-03	2.52E-03
81	ALL	593896.2	4245602	NonCancerChronicDerived_Inh	2.20E-03	2.20E-03
80	ALL	593851.4	4245602	NonCancerChronicDerived_Inh	2.18E-03	2.18E-03
166	ALL	593966.2	4245507	NonCancerChronicDerived_Inh	2.16E-03	2.16E-03
165	ALL	593966.2	4245530	NonCancerChronicDerived_Inh	2.15E-03	2.15E-03
167	ALL	593966.2	4245485	NonCancerChronicDerived_Inh	2.12E-03	2.12E-03
164	ALL	593966.2	4245552	NonCancerChronicDerived_Inh	2.07E-03	2.07E-03
168	ALL	593966.2	4245462	NonCancerChronicDerived_Inh	2.03E-03	2.03E-03
169	ALL	593966.2	4245440	NonCancerChronicDerived_Inh	1.89E-03	1.89E-03
79	ALL	593806.5	4245602	NonCancerChronicDerived_Inh	1.88E-03	1.88E-03
82	ALL	593941.1	4245602	NonCancerChronicDerived_Inh	1.88E-03	1.88E-03
170	ALL	593966.2	4245417	NonCancerChronicDerived_Inh	1.69E-03	1.69E-03
4	ALL	593714.6	4245440	NonCancerChronicDerived_Inh	1.65E-03	1.65E-03
5	ALL	593714.6	4245462	NonCancerChronicDerived_Inh	1.64E-03	1.64E-03
88	ALL	593896.2	4245627	NonCancerChronicDerived_Inh	1.62E-03	1.62E-03
3	ALL	593714.7	4245418	NonCancerChronicDerived_Inh	1.61E-03	1.61E-03
87	ALL	593851.3	4245627	NonCancerChronicDerived_Inh	1.57E-03	1.57E-03
6	ALL	593714.5	4245507	NonCancerChronicDerived_Inh	1.47E-03	1.47E-03
174	ALL	593983.8	4245570	NonCancerChronicDerived_Inh	1.47E-03	1.47E-03
89	ALL	593941	4245627	NonCancerChronicDerived_Inh	1.45E-03	1.45E-03
171	ALL	593966.2	4245395	NonCancerChronicDerived_Inh	1.41E-03	1.41E-03
2	ALL	593714.7	4245373	NonCancerChronicDerived_Inh	1.39E-03	1.39E-03
72	ALL	593739.3	4245577	NonCancerChronicDerived_Inh	1.34E-03	1.34E-03
175	ALL	593991.2	4245530	NonCancerChronicDerived_Inh	1.33E-03	1.33E-03
86	ALL	593806.5	4245627	NonCancerChronicDerived_Inh	1.32E-03	1.32E-03
7	ALL	593714.4	4245529	NonCancerChronicDerived_Inh	1.31E-03	1.31E-03
184	ALL	593976.5	4245613	NonCancerChronicDerived_Inh	1.30E-03	1.30E-03
176	ALL	593991.2	4245507	NonCancerChronicDerived_Inh	1.29E-03	1.29E-03
78	ALL	593761.7	4245602	NonCancerChronicDerived_Inh	1.29E-03	1.29E-03
97	ALL	593896.1	4245652	NonCancerChronicDerived_Inh	1.25E-03	1.25E-03
177	ALL	593991.2	4245485	NonCancerChronicDerived_Inh	1.23E-03	1.23E-03
1	ALL	593714.8	4245350	NonCancerChronicDerived_Inh	1.19E-03	1.19E-03
96	ALL	593851.3	4245652	NonCancerChronicDerived_Inh	1.18E-03	1.18E-03
98	ALL	593941	4245652	NonCancerChronicDerived_Inh	1.16E-03	1.16E-03
178	ALL	593991.2	4245462	NonCancerChronicDerived_Inh	1.13E-03	1.13E-03
172	ALL	593966.2	4245372	NonCancerChronicDerived_Inh	1.10E-03	1.10E-03
8	ALL	593714.4	4245552	NonCancerChronicDerived_Inh	1.09E-03	1.09E-03
183	ALL	594008.8	4245570	NonCancerChronicDerived_Inh	1.03E-03	1.03E-03
179	ALL	593991.2	4245440	NonCancerChronicDerived_Inh	1.02E-03	1.02E-03
196	ALL	593994.1	4245630	NonCancerChronicDerived_Inh	1.01E-03	1.01E-03

95 ALL	593806.4	4245652	NonCancerChronicDerived_Inh	9.82E-04	9.82E-04
106 ALL	593896.1	4245677	NonCancerChronicDerived_Inh	9.82E-04	9.82E-04
11 ALL	593689.6	4245440	NonCancerChronicDerived_Inh	9.66E-04	9.66E-04
12 ALL	593689.6	4245462	NonCancerChronicDerived_Inh	9.60E-04	9.60E-04
10 ALL	593689.7	4245418	NonCancerChronicDerived_Inh	9.48E-04	9.48E-04
107 ALL	593940.9	4245677	NonCancerChronicDerived_Inh	9.46E-04	9.46E-04
208 ALL	593976.3	4245663	NonCancerChronicDerived_Inh	9.30E-04	9.30E-04
85 ALL	593761.6	4245627	NonCancerChronicDerived_Inh	9.28E-04	9.28E-04
105 ALL	593851.2	4245677	NonCancerChronicDerived_Inh	9.12E-04	9.12E-04
185 ALL	594016.2	4245530	NonCancerChronicDerived_Inh	8.94E-04	8.94E-04
173 ALL	593966.2	4245350	NonCancerChronicDerived_Inh	8.82E-04	8.82E-04
13 ALL	593689.5	4245507	NonCancerChronicDerived_Inh	8.76E-04	8.76E-04
180 ALL	593991.2	4245417	NonCancerChronicDerived_Inh	8.76E-04	8.76E-04
195 ALL	594019.2	4245605	NonCancerChronicDerived_Inh	8.70E-04	8.70E-04
186 ALL	594016.2	4245507	NonCancerChronicDerived_Inh	8.44E-04	8.44E-04
9 ALL	593689.7	4245373	NonCancerChronicDerived_Inh	8.42E-04	8.42E-04
207 ALL	594011.8	4245648	NonCancerChronicDerived_Inh	8.10E-04	8.10E-04
77 ALL	593721.6	4245595	NonCancerChronicDerived_Inh	8.04E-04	8.04E-04
14 ALL	593689.4	4245529	NonCancerChronicDerived_Inh	7.96E-04	7.96E-04
116 ALL	593896	4245702	NonCancerChronicDerived_Inh	7.90E-04	7.90E-04
117 ALL	593940.9	4245702	NonCancerChronicDerived_Inh	7.80E-04	7.80E-04
187 ALL	594016.2	4245485	NonCancerChronicDerived_Inh	7.78E-04	7.78E-04
222 ALL	593994	4245680	NonCancerChronicDerived_Inh	7.66E-04	7.66E-04
104 ALL	593806.4	4245677	NonCancerChronicDerived_Inh	7.60E-04	7.60E-04
194 ALL	594033.8	4245570	NonCancerChronicDerived_Inh	7.46E-04	7.46E-04
181 ALL	593991.2	4245395	NonCancerChronicDerived_Inh	7.30E-04	7.30E-04
115 ALL	593851.2	4245702	NonCancerChronicDerived_Inh	7.26E-04	7.26E-04
94 ALL	593761.6	4245652	NonCancerChronicDerived_Inh	7.10E-04	7.10E-04
188 ALL	594016.2	4245462	NonCancerChronicDerived_Inh	7.00E-04	7.00E-04
15 ALL	593689.4	4245552	NonCancerChronicDerived_Inh	6.94E-04	6.94E-04
206 ALL	594044.2	4245605	NonCancerChronicDerived_Inh	6.68E-04	6.68E-04
221 ALL	594029.4	4245666	NonCancerChronicDerived_Inh	6.66E-04	6.66E-04
235 ALL	594002.8	4245702	NonCancerChronicDerived_Inh	6.54E-04	6.54E-04
127 ALL	593940.8	4245727	NonCancerChronicDerived_Inh	6.52E-04	6.52E-04
126 ALL	593896	4245727	NonCancerChronicDerived_Inh	6.46E-04	6.46E-04
83 ALL	593721.6	4245620	NonCancerChronicDerived_Inh	6.38E-04	6.38E-04
19 ALL	593664.6	4245440	NonCancerChronicDerived_Inh	6.36E-04	6.36E-04
18 ALL	593664.7	4245417	NonCancerChronicDerived_Inh	6.26E-04	6.26E-04
197 ALL	594041.2	4245530	NonCancerChronicDerived_Inh	6.26E-04	6.26E-04
20 ALL	593664.5	4245485	NonCancerChronicDerived_Inh	6.16E-04	6.16E-04
189 ALL	594016.2	4245440	NonCancerChronicDerived_Inh	6.14E-04	6.14E-04
114 ALL	593806.3	4245702	NonCancerChronicDerived_Inh	6.08E-04	6.08E-04
17 ALL	593664.7	4245395	NonCancerChronicDerived_Inh	6.04E-04	6.04E-04
182 ALL	593991.2	4245372	NonCancerChronicDerived_Inh	6.04E-04	6.04E-04
125 ALL	593851.1	4245727	NonCancerChronicDerived_Inh	5.90E-04	5.90E-04
21 ALL	593664.5	4245507	NonCancerChronicDerived_Inh	5.86E-04	5.86E-04
220 ALL	594054.5	4245641	NonCancerChronicDerived_Inh	5.84E-04	5.84E-04

198	ALL	594041.2	4245507	NonCancerChronicDerived_Inh	5.80E-04	5.80E-04
250	ALL	593981.3	4245736	NonCancerChronicDerived_Inh	5.78E-04	5.78E-04
16	ALL	593664.7	4245373	NonCancerChronicDerived_Inh	5.68E-04	5.68E-04
103	ALL	593761.5	4245677	NonCancerChronicDerived_Inh	5.68E-04	5.68E-04
234	ALL	594044.1	4245685	NonCancerChronicDerived_Inh	5.68E-04	5.68E-04
249	ALL	594021.7	4245719	NonCancerChronicDerived_Inh	5.56E-04	5.56E-04
205	ALL	594058.8	4245570	NonCancerChronicDerived_Inh	5.54E-04	5.54E-04
138	ALL	593940.8	4245752	NonCancerChronicDerived_Inh	5.48E-04	5.48E-04
22	ALL	593664.4	4245529	NonCancerChronicDerived_Inh	5.40E-04	5.40E-04
137	ALL	593895.9	4245752	NonCancerChronicDerived_Inh	5.36E-04	5.36E-04
190	ALL	594016.2	4245417	NonCancerChronicDerived_Inh	5.26E-04	5.26E-04
199	ALL	594041.2	4245485	NonCancerChronicDerived_Inh	5.24E-04	5.24E-04
90	ALL	593721.5	4245645	NonCancerChronicDerived_Inh	5.20E-04	5.20E-04
219	ALL	594069.2	4245605	NonCancerChronicDerived_Inh	5.16E-04	5.16E-04
266	ALL	594000.5	4245753	NonCancerChronicDerived_Inh	5.02E-04	5.02E-04
124	ALL	593806.3	4245727	NonCancerChronicDerived_Inh	4.96E-04	4.96E-04
233	ALL	594073.4	4245656	NonCancerChronicDerived_Inh	4.90E-04	4.90E-04
136	ALL	593851.1	4245752	NonCancerChronicDerived_Inh	4.88E-04	4.88E-04
248	ALL	594062.2	4245702	NonCancerChronicDerived_Inh	4.84E-04	4.84E-04
84	ALL	593678.9	4245587	NonCancerChronicDerived_Inh	4.76E-04	4.76E-04
265	ALL	594040.3	4245736	NonCancerChronicDerived_Inh	4.76E-04	4.76E-04
113	ALL	593761.5	4245702	NonCancerChronicDerived_Inh	4.66E-04	4.66E-04
150	ALL	593940.7	4245777	NonCancerChronicDerived_Inh	4.66E-04	4.66E-04
200	ALL	594041.2	4245462	NonCancerChronicDerived_Inh	4.66E-04	4.66E-04
209	ALL	594066.2	4245530	NonCancerChronicDerived_Inh	4.54E-04	4.54E-04
26	ALL	593639.6	4245440	NonCancerChronicDerived_Inh	4.52E-04	4.52E-04
149	ALL	593895.9	4245777	NonCancerChronicDerived_Inh	4.52E-04	4.52E-04
25	ALL	593639.7	4245417	NonCancerChronicDerived_Inh	4.46E-04	4.46E-04
191	ALL	594016.2	4245395	NonCancerChronicDerived_Inh	4.46E-04	4.46E-04
27	ALL	593639.5	4245485	NonCancerChronicDerived_Inh	4.40E-04	4.40E-04
281	ALL	594019.4	4245770	NonCancerChronicDerived_Inh	4.38E-04	4.38E-04
24	ALL	593639.7	4245395	NonCancerChronicDerived_Inh	4.32E-04	4.32E-04
99	ALL	593721.5	4245670	NonCancerChronicDerived_Inh	4.32E-04	4.32E-04
282	ALL	593980	4245786	NonCancerChronicDerived_Inh	4.32E-04	4.32E-04
232	ALL	594090.5	4245614	NonCancerChronicDerived_Inh	4.22E-04	4.22E-04
28	ALL	593639.5	4245507	NonCancerChronicDerived_Inh	4.20E-04	4.20E-04
218	ALL	594083.8	4245570	NonCancerChronicDerived_Inh	4.18E-04	4.18E-04
264	ALL	594080.2	4245720	NonCancerChronicDerived_Inh	4.16E-04	4.16E-04
135	ALL	593806.2	4245752	NonCancerChronicDerived_Inh	4.14E-04	4.14E-04
210	ALL	594066.2	4245507	NonCancerChronicDerived_Inh	4.14E-04	4.14E-04
280	ALL	594058.7	4245754	NonCancerChronicDerived_Inh	4.14E-04	4.14E-04
23	ALL	593639.7	4245373	NonCancerChronicDerived_Inh	4.10E-04	4.10E-04
148	ALL	593851	4245777	NonCancerChronicDerived_Inh	4.10E-04	4.10E-04
201	ALL	594041.2	4245440	NonCancerChronicDerived_Inh	4.06E-04	4.06E-04
91	ALL	593686.2	4245630	NonCancerChronicDerived_Inh	4.02E-04	4.02E-04
163	ALL	593940.7	4245802	NonCancerChronicDerived_Inh	4.00E-04	4.00E-04
247	ALL	594099.2	4245653	NonCancerChronicDerived_Inh	3.98E-04	3.98E-04

29	ALL	593639.4	4245529	NonCancerChronicDerived_Inh	3.92E-04	3.92E-04
123	ALL	593761.4	4245727	NonCancerChronicDerived_Inh	3.88E-04	3.88E-04
162	ALL	593895.8	4245802	NonCancerChronicDerived_Inh	3.86E-04	3.86E-04
192	ALL	594016.2	4245372	NonCancerChronicDerived_Inh	3.84E-04	3.84E-04
211	ALL	594066.2	4245485	NonCancerChronicDerived_Inh	3.72E-04	3.72E-04
108	ALL	593721.4	4245695	NonCancerChronicDerived_Inh	3.66E-04	3.66E-04
263	ALL	594108.4	4245692	NonCancerChronicDerived_Inh	3.66E-04	3.66E-04
279	ALL	594098.1	4245737	NonCancerChronicDerived_Inh	3.62E-04	3.62E-04
93	ALL	593646.7	4245569	NonCancerChronicDerived_Inh	3.60E-04	3.60E-04
92	ALL	593661.2	4245605	NonCancerChronicDerived_Inh	3.54E-04	3.54E-04
147	ALL	593806.2	4245777	NonCancerChronicDerived_Inh	3.50E-04	3.50E-04
161	ALL	593851	4245802	NonCancerChronicDerived_Inh	3.50E-04	3.50E-04
202	ALL	594041.2	4245417	NonCancerChronicDerived_Inh	3.50E-04	3.50E-04
100	ALL	593686.1	4245655	NonCancerChronicDerived_Inh	3.48E-04	3.48E-04
33	ALL	593614.6	4245440	NonCancerChronicDerived_Inh	3.40E-04	3.40E-04
193	ALL	594016.2	4245350	NonCancerChronicDerived_Inh	3.40E-04	3.40E-04
223	ALL	594091.2	4245530	NonCancerChronicDerived_Inh	3.38E-04	3.38E-04
32	ALL	593614.7	4245417	NonCancerChronicDerived_Inh	3.34E-04	3.34E-04
246	ALL	594116	4245613	NonCancerChronicDerived_Inh	3.32E-04	3.32E-04
34	ALL	593614.5	4245485	NonCancerChronicDerived_Inh	3.30E-04	3.30E-04
134	ALL	593761.4	4245752	NonCancerChronicDerived_Inh	3.30E-04	3.30E-04
212	ALL	594066.2	4245462	NonCancerChronicDerived_Inh	3.30E-04	3.30E-04
231	ALL	594107.6	4245573	NonCancerChronicDerived_Inh	3.28E-04	3.28E-04
31	ALL	593614.7	4245395	NonCancerChronicDerived_Inh	3.26E-04	3.26E-04
262	ALL	594124.9	4245652	NonCancerChronicDerived_Inh	3.22E-04	3.22E-04
35	ALL	593614.5	4245507	NonCancerChronicDerived_Inh	3.18E-04	3.18E-04
30	ALL	593614.7	4245373	NonCancerChronicDerived_Inh	3.12E-04	3.12E-04
118	ALL	593718.4	4245718	NonCancerChronicDerived_Inh	3.10E-04	3.10E-04
224	ALL	594091.2	4245507	NonCancerChronicDerived_Inh	3.06E-04	3.06E-04
109	ALL	593686.1	4245680	NonCancerChronicDerived_Inh	3.04E-04	3.04E-04
203	ALL	594041.2	4245395	NonCancerChronicDerived_Inh	3.04E-04	3.04E-04
278	ALL	594134.1	4245690	NonCancerChronicDerived_Inh	3.04E-04	3.04E-04
160	ALL	593806.1	4245802	NonCancerChronicDerived_Inh	3.00E-04	3.00E-04
36	ALL	593614.4	4245529	NonCancerChronicDerived_Inh	2.98E-04	2.98E-04
213	ALL	594066.2	4245440	NonCancerChronicDerived_Inh	2.88E-04	2.88E-04
146	ALL	593761.3	4245777	NonCancerChronicDerived_Inh	2.82E-04	2.82E-04
102	ALL	593628.9	4245587	NonCancerChronicDerived_Inh	2.78E-04	2.78E-04
101	ALL	593643.5	4245622	NonCancerChronicDerived_Inh	2.76E-04	2.76E-04
225	ALL	594091.2	4245485	NonCancerChronicDerived_Inh	2.74E-04	2.74E-04
128	ALL	593718.8	4245743	NonCancerChronicDerived_Inh	2.70E-04	2.70E-04
204	ALL	594041.2	4245372	NonCancerChronicDerived_Inh	2.66E-04	2.66E-04
261	ALL	594141.4	4245612	NonCancerChronicDerived_Inh	2.64E-04	2.64E-04
39	ALL	593589.7	4245417	NonCancerChronicDerived_Inh	2.62E-04	2.62E-04
40	ALL	593589.6	4245462	NonCancerChronicDerived_Inh	2.62E-04	2.62E-04
277	ALL	594150.4	4245651	NonCancerChronicDerived_Inh	2.60E-04	2.60E-04
41	ALL	593589.5	4245484	NonCancerChronicDerived_Inh	2.58E-04	2.58E-04
236	ALL	594116.2	4245530	NonCancerChronicDerived_Inh	2.58E-04	2.58E-04

245	ALL	594132.8	4245573	NonCancerChronicDerived_Inh	2.56E-04	2.56E-04
38	ALL	593589.7	4245395	NonCancerChronicDerived_Inh	2.54E-04	2.54E-04
119	ALL	593677.2	4245701	NonCancerChronicDerived_Inh	2.54E-04	2.54E-04
214	ALL	594066.2	4245417	NonCancerChronicDerived_Inh	2.52E-04	2.52E-04
42	ALL	593589.5	4245507	NonCancerChronicDerived_Inh	2.48E-04	2.48E-04
37	ALL	593589.7	4245373	NonCancerChronicDerived_Inh	2.46E-04	2.46E-04
159	ALL	593761.3	4245802	NonCancerChronicDerived_Inh	2.46E-04	2.46E-04
110	ALL	593650.8	4245665	NonCancerChronicDerived_Inh	2.44E-04	2.44E-04
226	ALL	594091.2	4245462	NonCancerChronicDerived_Inh	2.44E-04	2.44E-04
139	ALL	593719	4245769	NonCancerChronicDerived_Inh	2.36E-04	2.36E-04
237	ALL	594116.2	4245507	NonCancerChronicDerived_Inh	2.34E-04	2.34E-04
129	ALL	593678.4	4245727	NonCancerChronicDerived_Inh	2.28E-04	2.28E-04
112	ALL	593611.2	4245605	NonCancerChronicDerived_Inh	2.22E-04	2.22E-04
215	ALL	594066.2	4245395	NonCancerChronicDerived_Inh	2.22E-04	2.22E-04
43	ALL	593589.4	4245552	NonCancerChronicDerived_Inh	2.20E-04	2.20E-04
111	ALL	593625.8	4245640	NonCancerChronicDerived_Inh	2.20E-04	2.20E-04
227	ALL	594091.2	4245440	NonCancerChronicDerived_Inh	2.16E-04	2.16E-04
47	ALL	593564.6	4245462	NonCancerChronicDerived_Inh	2.12E-04	2.12E-04
276	ALL	594166.7	4245611	NonCancerChronicDerived_Inh	2.12E-04	2.12E-04
46	ALL	593564.7	4245417	NonCancerChronicDerived_Inh	2.10E-04	2.10E-04
151	ALL	593719.2	4245794	NonCancerChronicDerived_Inh	2.10E-04	2.10E-04
238	ALL	594116.2	4245485	NonCancerChronicDerived_Inh	2.10E-04	2.10E-04
48	ALL	593564.5	4245484	NonCancerChronicDerived_Inh	2.08E-04	2.08E-04
45	ALL	593564.7	4245395	NonCancerChronicDerived_Inh	2.06E-04	2.06E-04
140	ALL	593679.3	4245752	NonCancerChronicDerived_Inh	2.04E-04	2.04E-04
260	ALL	594157.9	4245572	NonCancerChronicDerived_Inh	2.04E-04	2.04E-04
120	ALL	593636	4245684	NonCancerChronicDerived_Inh	2.02E-04	2.02E-04
251	ALL	594141.2	4245530	NonCancerChronicDerived_Inh	2.02E-04	2.02E-04
44	ALL	593564.7	4245373	NonCancerChronicDerived_Inh	2.00E-04	2.00E-04
49	ALL	593564.5	4245507	NonCancerChronicDerived_Inh	2.00E-04	2.00E-04
216	ALL	594066.2	4245372	NonCancerChronicDerived_Inh	1.98E-04	1.98E-04
228	ALL	594091.2	4245417	NonCancerChronicDerived_Inh	1.90E-04	1.90E-04
239	ALL	594116.2	4245462	NonCancerChronicDerived_Inh	1.88E-04	1.88E-04
130	ALL	593638	4245710	NonCancerChronicDerived_Inh	1.86E-04	1.86E-04
152	ALL	593680	4245777	NonCancerChronicDerived_Inh	1.84E-04	1.84E-04
122	ALL	593589.9	4245613	NonCancerChronicDerived_Inh	1.82E-04	1.82E-04
252	ALL	594141.2	4245507	NonCancerChronicDerived_Inh	1.82E-04	1.82E-04
50	ALL	593564.4	4245552	NonCancerChronicDerived_Inh	1.80E-04	1.80E-04
121	ALL	593606.9	4245655	NonCancerChronicDerived_Inh	1.80E-04	1.80E-04
217	ALL	594066.2	4245350	NonCancerChronicDerived_Inh	1.80E-04	1.80E-04
53	ALL	593539.6	4245440	NonCancerChronicDerived_Inh	1.74E-04	1.74E-04
54	ALL	593539.6	4245462	NonCancerChronicDerived_Inh	1.74E-04	1.74E-04
141	ALL	593639.6	4245736	NonCancerChronicDerived_Inh	1.72E-04	1.72E-04
52	ALL	593539.7	4245395	NonCancerChronicDerived_Inh	1.70E-04	1.70E-04
55	ALL	593539.5	4245484	NonCancerChronicDerived_Inh	1.70E-04	1.70E-04
229	ALL	594091.2	4245395	NonCancerChronicDerived_Inh	1.70E-04	1.70E-04
240	ALL	594116.2	4245440	NonCancerChronicDerived_Inh	1.68E-04	1.68E-04

51 ALL	593539.7	4245372	NonCancerChronicDerived_Inh	1.66E-04	1.66E-04
253 ALL	594141.2	4245485	NonCancerChronicDerived_Inh	1.66E-04	1.66E-04
275 ALL	594183	4245572	NonCancerChronicDerived_Inh	1.64E-04	1.64E-04
267 ALL	594166.2	4245530	NonCancerChronicDerived_Inh	1.62E-04	1.62E-04
153 ALL	593640.7	4245761	NonCancerChronicDerived_Inh	1.58E-04	1.58E-04
56 ALL	593539.4	4245529	NonCancerChronicDerived_Inh	1.56E-04	1.56E-04
132 ALL	593572.7	4245632	NonCancerChronicDerived_Inh	1.52E-04	1.52E-04
133 ALL	593556	4245592	NonCancerChronicDerived_Inh	1.52E-04	1.52E-04
230 ALL	594091.2	4245372	NonCancerChronicDerived_Inh	1.52E-04	1.52E-04
131 ALL	593589.3	4245673	NonCancerChronicDerived_Inh	1.50E-04	1.50E-04
241 ALL	594116.2	4245417	NonCancerChronicDerived_Inh	1.50E-04	1.50E-04
57 ALL	593539.4	4245551	NonCancerChronicDerived_Inh	1.48E-04	1.48E-04
254 ALL	594141.2	4245462	NonCancerChronicDerived_Inh	1.48E-04	1.48E-04
60 ALL	593514.6	4245440	NonCancerChronicDerived_Inh	1.46E-04	1.46E-04
268 ALL	594166.2	4245507	NonCancerChronicDerived_Inh	1.46E-04	1.46E-04
61 ALL	593514.6	4245462	NonCancerChronicDerived_Inh	1.44E-04	1.44E-04
59 ALL	593514.7	4245395	NonCancerChronicDerived_Inh	1.42E-04	1.42E-04
62 ALL	593514.5	4245484	NonCancerChronicDerived_Inh	1.42E-04	1.42E-04
58 ALL	593514.7	4245372	NonCancerChronicDerived_Inh	1.40E-04	1.40E-04
142 ALL	593599.8	4245719	NonCancerChronicDerived_Inh	1.40E-04	1.40E-04
242 ALL	594116.2	4245395	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
255 ALL	594141.2	4245440	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
269 ALL	594166.2	4245485	NonCancerChronicDerived_Inh	1.34E-04	1.34E-04
63 ALL	593514.4	4245529	NonCancerChronicDerived_Inh	1.32E-04	1.32E-04
154 ALL	593601.5	4245745	NonCancerChronicDerived_Inh	1.32E-04	1.32E-04
283 ALL	594191.2	4245530	NonCancerChronicDerived_Inh	1.32E-04	1.32E-04
145 ALL	593539	4245611	NonCancerChronicDerived_Inh	1.30E-04	1.30E-04
143 ALL	593571.7	4245691	NonCancerChronicDerived_Inh	1.28E-04	1.28E-04
144 ALL	593555.4	4245651	NonCancerChronicDerived_Inh	1.28E-04	1.28E-04
64 ALL	593514.4	4245551	NonCancerChronicDerived_Inh	1.26E-04	1.26E-04
66 ALL	593489.7	4245417	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
67 ALL	593489.6	4245440	NonCancerChronicDerived_Inh	1.24E-04	1.24E-04
68 ALL	593489.6	4245462	NonCancerChronicDerived_Inh	1.22E-04	1.22E-04
243 ALL	594116.2	4245372	NonCancerChronicDerived_Inh	1.22E-04	1.22E-04
65 ALL	593489.7	4245372	NonCancerChronicDerived_Inh	1.20E-04	1.20E-04
256 ALL	594141.2	4245417	NonCancerChronicDerived_Inh	1.20E-04	1.20E-04
270 ALL	594166.2	4245462	NonCancerChronicDerived_Inh	1.20E-04	1.20E-04
284 ALL	594191.2	4245507	NonCancerChronicDerived_Inh	1.20E-04	1.20E-04
69 ALL	593489.5	4245507	NonCancerChronicDerived_Inh	1.16E-04	1.16E-04
70 ALL	593489.4	4245529	NonCancerChronicDerived_Inh	1.12E-04	1.12E-04
157 ALL	593521.8	4245630	NonCancerChronicDerived_Inh	1.12E-04	1.12E-04
244 ALL	594116.2	4245350	NonCancerChronicDerived_Inh	1.12E-04	1.12E-04
156 ALL	593537.9	4245669	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
158 ALL	593505.6	4245591	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
257 ALL	594141.2	4245395	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
271 ALL	594166.2	4245440	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04
285 ALL	594191.2	4245485	NonCancerChronicDerived_Inh	1.10E-04	1.10E-04



71	ALL	593489.4	4245551	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
155	ALL	593554.1	4245709	NonCancerChronicDerived_Inh	1.08E-04	1.08E-04
258	ALL	594141.2	4245372	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
272	ALL	594166.2	4245417	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
286	ALL	594191.2	4245462	NonCancerChronicDerived_Inh	1.00E-04	1.00E-04
259	ALL	594141.2	4245350	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
287	ALL	594191.2	4245440	NonCancerChronicDerived_Inh	9.20E-05	9.20E-05
273	ALL	594166.2	4245395	NonCancerChronicDerived_Inh	9.00E-05	9.00E-05
274	ALL	594166.2	4245372	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
288	ALL	594191.2	4245417	NonCancerChronicDerived_Inh	8.40E-05	8.40E-05
289	ALL	594191.2	4245395	NonCancerChronicDerived_Inh	7.60E-05	7.60E-05
290	ALL	594191.2	4245372	NonCancerChronicDerived_Inh	7.00E-05	7.00E-05
291	ALL	594191.2	4245350	NonCancerChronicDerived_Inh	6.60E-05	6.60E-05

# **APPENDIX B**

*Madrone Ecological Consultants, Biological  
Resource Responses*





# Transmittal

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To: Ms. Christine Kronenberg, Senior Project Manager, DUDEK

From: Mr. Ben Watson, Principal, Madrone Ecological Consulting

Date: August 15, 2018

Subject: Responses to Comments on the Draft Environmental Impact Report for the Farm at Alamo Creek Specific Plan Project, City of Vacaville, Solano County, California

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At the request of DUDEK and the Project applicant, Madrone Ecological Consulting, LLC. (Madrone) has prepared this letter in response to two comment letters received on the Draft Environmental Impact Report, prepared by the City of Vacaville, for the Farm at Alamo Creek Specific Plan Project (Project) within the City of Vacaville, Solano County, California. The two letters in question are: 1) *Comments on the Draft Environmental Impact Report – The Farm at Alamo Creek Specific Plan Project*, dated May 11, 2018, prepared by Adams, Broadwell, Joseph, & Cardozo (subsequently referred to as "Letter 12"), and Exhibit B to Letter 12, titled *Comments on the Draft Environmental Impact Report for the Farm at Alamo Creek Specific Plan Project*, dated April 18, 2018, prepared by Scott Cashen (subsequently referred to as "Exhibit B"). Madrone was specifically asked to respond to a subset of the comments contained in Letter 12 and Exhibit B that are related to biological resources and regulatory permits associated with the Project, therefore, not all comments from these letters are addressed here.

Several comments addressed below are related to the Project's potential impacts to riparian vegetation along Old Alamo Creek. Based on these comments, Madrone was asked to conduct a site visit to assess the riparian vegetation present within five areas along Old Alamo Creek where road, trail, and infrastructure crossings would occur. This site visit was conducted on June 14, 2018, and a description of site conditions at each location is included below and shown in Figure 1. *Potential Riparian Impacts*. While the precise locations of four of the crossings is flexible, and they will be sited to avoid trees to the extent possible, the location of the Carroll Avenue bridge is fixed. Ten trees would need to be removed to allow for this crossing (see Figure 1). As the precise locations of the other crossings is flexible, general descriptions of the vegetation/habitat present at each location is described below.

## **Crossing A:**

This crossing is designed as a pedestrian bridge with an 8-foot-wide footprint. The location is flexible, and the native trees in this crossing location are widely spaced; therefore, no impacts to native trees or shrubs are anticipated in this location. There are a number of non-native species that have become established in this area, such as almond (*Prunus dulcis*), olive (*Olea europea*) and Mexican fan palm (*Washingtonia robusta*). The applicant plans to remove the non-native trees and shrubs in this area.

### **Crossing B:**

Crossing B is the crossing of Carroll Way, and is proposed as a 100-foot-wide crossing with a box culvert to convey Old Alamo Creek under Carroll Way. The riparian vegetation in this area consists of large, mature black walnuts<sup>1</sup> (*Juglans hindsii*), black willow (*Salix gooddingii*), red willow (*Salix laevigata*), Fremont's cottonwood (*Populus fremontii*), and two small Valley oak trees (*Quercus lobata*). The understory in this area is primarily comprised of non-native annual grasses, with scattered Himalayan blackberry (*Rubus armeniacus*). Construction of this crossing would impact approximately 0.20 acres of the riparian corridor along Old Alamo Creek, including the removal of 10 trees.

### **Crossing C:**

An existing, collapsed culvert at Crossing C will be replaced, and the existing dirt road crossing will be improved. One very large black willow (eleven trunks, with a cumulative DBH of 243") is present approximately 6 feet to the south of the western end of the culvert, and an 18" DBH red willow is present immediately adjacent to the eastern end of the culvert. Every attempt will be made to minimize impacts to these trees, but the 18" red willow will almost certainly need to be removed entirely, and at least one 20" trunk of the large black willow will need to be removed. Additional vegetation in this area consists of sparse ruderal non-native species along the edges of the road.

### **Crossing D**

The last crossing appears to be an outfall and trail crossing. Riparian vegetation in this area is comprised of dense, almost impenetrable shrubby sandbar willow (*Salix exigua*), Himalayan blackberry (*Rubus armeniacus*), and a few smaller walnuts, red willows, and black willows. It is presumed that there is very little understory due to the dense tree and shrub canopy in this area. It appears that this trail will avoid the very large Fremont's cottonwood trees to the north.

### **Crossing E**

This crossing will be a service road over a 48" CMP culvert. Old Alamo Creek in this location functions largely as an irrigation ditch. It is channelized, conveys flow only intermittently, and supports no woody vegetation. Vegetation within and adjacent to the channel is primarily non-native herbaceous and perennial hydrophytes, such as tall nutsedge (*Cyperus eragrostis*), curly dock (*Rumex crispus*), and sprangletop (*Leptochloa fascicularis*).

As the comments contained in Exhibit B are more detailed, and Letter 12 comments are primarily summarized from the comments in Exhibit B, responses to comments in Exhibit B are listed first in this letter. Responses to Letter 12 follow.

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<sup>1</sup> The walnuts are presented on the figure as Northern California black walnuts (*Juglans hindsii*), but extensive genetic research has indicated that black walnut trees found in most areas are in fact a hybrid with the cultivated walnut (*Juglans regia*). Only three stands of native California black walnut are currently known, and the trees in those stands are much older.

***The following are responses to select comments from Exhibit B.***

**12-134** The commenter summarizes the protocol-level survey methodology for both Swainson's hawk and burrowing owl and concludes that Madrone did not follow this survey methodology during site visits that were conducted for a variety of other biological resources (including a wetland delineation).

It is acknowledged that protocol-level surveys for these species have not occurred to date. Burrowing owls are not a state-listed species, but rather a species of special concern, and therefore are not regulated under CESA. As such, CDFW has developed recommended survey protocols and mitigation measures for use at the local level (including CEQA lead agencies) as outlined in their 2012 *Staff Report on Burrowing Owl Mitigation*. Appropriate compensatory mitigation for habitat loss for both Swainson's hawk and burrowing owl may be accomplished without completion of protocol-level surveys by assuming presence, and pre-construction nesting surveys can be conducted to identify and avoid take of individuals and nests that may be present within a project site. Nonetheless, Mitigation Measures BIO-1c and BIO-1e have been revised (see below) to require surveys for these species prior to construction.

**BIO-1c** Mitigation Measures BIO-1c through BIO-1d are consistent with Avoidance and Minimization Measures BO 1, BO 3, and BO 4 in Section 6.4.9 of the Solano HCP (Solano County Water Agency 2012) and recommendations detailed in the Department of Fish and Game Staff Report on Burrowing Owl Mitigation (CDFWG 2012).

- a. Breeding Season Survey (February 1 – August 31): Conduct four survey visits as follows: 1) at least one survey between February 15 and April 15, and 2) a minimum of three survey visits, at least three weeks apart, between April 15 and July 15, with at least one visit after June 15.
- b. Non-Breeding Season Survey (September 1 - January 31): Follow same methodology as above in a) Breeding Season Survey, but conduct at least four visits, spread evenly, throughout the non-breeding season.
- c. Take Avoidance Survey: If none of the above surveys have occurred within 14 days prior to the anticipated start of construction, a qualified biologist meeting requirements listed in the Department of Fish and Game Staff Report on Burrowing Owl Mitigation survey methodology, shall conduct preconstruction surveys throughout the project site and any accessible areas within 500 feet to identify burrowing owls or their nesting areas. This survey shall follow survey protocols outlined in the most current draft of the Solano HCP and as developed by the Burrowing Owl Consortium, as determined to be appropriate in consultation with CDFW (Solano County Water Agency 2012; CDFWG 2012). If no active burrows or

burrowing owls are observed, no further mitigation is required. If a lapse in construction of 15 days or longer occurs during the nesting season, additional preconstruction surveys shall be repeated before work may resume.

- d. If burrowing owls or active burrows are identified within the project site during the preconstruction surveys, the following measures shall be implemented. While minimum buffers are suggested below, appropriate buffers shall be determined by the City in consultation with CDFW:
  1. During the non-breeding season for burrowing owls (September 1 through January 31), exclusion zones shall be established around any active burrows identified during the preconstruction survey. The exclusion zone shall be no less than 160 feet in radius centered on the active burrow. With approval from the City after consultation with CDFW, burrowing owls shall be passively evicted and relocated from the burrows using one-way doors. The one-way doors shall be left in place for a minimum of 48 hours and shall be monitored daily to ensure proper function. Upon the end of the 48-hour period, the burrows shall be excavated with the use of hand tools and refilled to discourage reoccupation.
  2. During the breeding season (February 1 through August 31), a qualified biologist familiar with the biology and behavior of this species shall establish exclusion zones of at least 250 feet in radius centered on any active burrow identified during the preconstruction survey. No construction activities shall occur within the exclusion zone as long as the burrow is active and young are present. Once the breeding season is over and young have fledged, passive relocation of active burrows may proceed as described in measure b.1, above.
- e. The buffer widths may be reduced with the following measures:
  1. A site-specific analysis, reviewed and approved by City after consultation with CDFW, shall be prepared that documents and describes how the nesting or wintering owls would not be adversely affected by construction activities;
  2. Monitoring shall occur by a qualified biologist for a minimum of 10 consecutive days following initiation of construction indicating that the owls do not exhibit adverse reactions to construction activities;
  3. Burrows are not in danger of collapse due to equipment traffic; and
  4. Monitoring is continued at least once a week through the nesting/wintering cycle at the site and no change in behavior by owls is observed; biological monitoring reports shall be submitted to CDFW.

**BIO-1e** This Mitigation Measure is consistent with Avoidance and Minimization Measures SH-1 through SH-5 in the Solano HCP (Solano County Water Agency 2012), as well

the Swainson's Hawk Technical Advisory Committee's Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley methodology.

- a. A qualified biologist with a minimum of two years of experience implementing the Swainson's Hawk Technical Advisory Committee's Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley methodology shall conduct Swainson's hawk nest surveys. If it has been longer than 15 days from the last survey when construction will occur, an additional pre-construction survey shall be conducted. The following table outlines the required survey windows and timing, as well as the number of surveys to occur during each survey window, consistent with the protocol-level surveys. To meet the minimum level of protection, surveys must be completed for at least the two survey periods immediately prior to construction.

<u>Survey Dates</u>	<u>Survey Time</u>	<u>Number of Surveys</u>
<u>January 1 - March 20</u>	<u>All Day</u>	<u>1</u>
<u>March 20 - April 5</u>	<u>Sunrise to 10:00 am, 4:00 pm to sunset</u>	<u>3</u>
<u>April 5 -April 20</u>	<u>Sunrise to 12:00 pm, 4:30 pm to sunset</u>	<u>3</u>
<u>April 21 - June 10</u>	<u>Monitoring known nests only</u>	<u>N/A</u>

- b. If an active Swainson's hawk nest is identified within 0.25 mile of the project site, an exclusion buffer shall be established in consultation with the biologist and CDFW. No construction work such as grading, earthmoving, or any operation of construction equipment shall occur within the buffer zone except as provided below in Mitigation Measure BIO-51f and in consultation with CDFW. Construction may commence normally in the



buffer zone if the nest becomes inactive (e.g., the young have fully fledged), as determined by the qualified biologist.

- 12-135** The commenter states that the Project cannot comply with Mitigation Measures SH 4 and BO 2 of the Draft Solano Habitat Conservation Plan<sup>2</sup> without protocol level surveys for Swainson's hawk and Burrowing owl.

As the commenter notes, Mitigation Measures SH 4 and BO 2 require knowledge of any Swainson's hawk or burrowing owl (respectively) nest sites prior to construction, so that they can be appropriately avoided. Mitigation Measures BIO-1c and BIO-1e, as drafted, required pre-construction nest surveys for these species, which would allow them to be avoided in compliance with mitigation measures SH 4 and BO 2 in the Draft Solano HCP. However, in addition, Mitigation Measures BIO-1c and BIO-1e have been revised, as outlined above in response to comment 12-134, to also require protocol-level surveys for these species prior to construction.

- 12-136** This comment states that the Project would impact riparian woodland along Old Alamo Creek, and that the DEIR does not disclose, describe, or quantify these impacts.

In addition to the removal of dead or diseased trees, removal of riparian woodland habitat would occur for a road crossing (Carroll Way) and associated pedestrian trail at across Old Alamo Creek. This crossing would result in the removal of approximately 0.20 acres of riparian woodland, which may include trees, brush, and other riparian habitat. There are an additional four areas that would be disturbed for the installation of trails and utilities; however, these areas can be sited to avoid impacts to native trees and vegetation to the extent possible. Please see the pages 1 and 2 of this letter for additional information on potential impacts to riparian areas.

- 12-139** The commenter states that the riparian corridor of Old Alamo Creek to be preserved within the Project does not provide suitable habitat for burrowing owl. The commenter also states that because the compensatory mitigation required in Mitigation Measure BIO-1d is based on the amount of burrowing owl habitat that would be impacted by the Project, the DEIR must properly account for the amount of burrowing owl habitat that would be impacted by the Project.

The commenter is correct in stating that the on-site preservation area does not represent suitable nesting or foraging habitat for burrowing owl, which is accurate. However, that area was not implied to be any portion of the minimization or mitigation for impacts to this species. The amount of burrowing owl habitat that will be impacted was accurately reported in the DEIR as 197 acres.

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<sup>2</sup> Solano Habitat Conservation Plan, Volume 1, Public Draft. October 2012. Prepared by LSA for Solano County Water Agency.

**12-140** The commenter states that the DEIR fails to disclose or analyze potentially significant impacts associated with the eviction of burrowing owls/passive relocation from the Project site.

Mitigation measure BIO-1c (b)(1) states that “[i]f burrowing owls or active burrows are identified within the Project site during the preconstruction surveys.... with approval from the City after consultation with CDFW, burrowing owls shall be passively evicted and relocated from the burrows using one-way doors.” The following section (b)(2) states that, “[o]nce the breeding season is over and young have fledged, passive relocation of active burrows may proceed.” These mitigation measures are consistent with the mitigation requirements set forth in the draft Solano HCP and the Staff Report on Burrowing Owl Mitigation<sup>3</sup>.

Section 4.2 of the Draft EIR, Biological Resources, addresses potential impacts to burrowing owl habitat, both foraging and nesting, and determined the impact would be potentially significant. No burrowing owls were observed by the biologists on the Project site during the field visits. Mitigation measure BIO-1c describes the steps to follow in the event a burrowing owl or an owl burrow is identified during the preconstruction surveys. Revised mitigation measure BIO-1d (see response to comment 12-151 below) addresses the potential for the permanent loss of foraging habitat and requires a 1:1 ratio for replacement habitat be provided. As stated in the measure, off-site mitigation lands provided for replacement of Swainson’s hawk foraging habitat (per Mitigation BIO-1f) may also satisfy the requirements for replacement of burrowing owl foraging habitat provided additional measures set forth in the mitigation measure are implemented. The comment is noted and no further response is required.

**12-141** The commenter states that additional analysis is necessary for passive relocation (eviction) of burrowing owls due to the limitations of translocation Projects.

Passive relocation (eviction) prior to the breeding season is not equivalent to translocation of burrowing owls. As noted in the commenters cited reference<sup>4</sup> (Smith BW, JR Belthoff. 2001), translocation entails capturing owls and moving them to suitable habitat and involves handling and often housing owls in temporary aviaries in the new site. No translocation is proposed for this Project. Passive relocation through burrow exclusion and closure is encouraging owls to move from occupied burrows to alternative natural or artificial burrows and is recommended by the Burrowing Owl Consortium<sup>5</sup> (Burrowing Owl Consortium 1993) over relocation. Passive relocation will be used to

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<sup>3</sup> California Department of Fish and Game (Wildlife). 2012. Staff Report on Burrowing Owl Mitigation.

<sup>4</sup> Smith BW, JR Belthoff. 2001. Burrowing owls and development: short-distance nest burrow relocation to minimize construction impacts. *J. Raptor Research* 35:385-391.

<sup>5</sup> Burrowing Owl Consortium Mitigation Committee. 1993. Burrowing owl survey protocol and mitigation guidelines. Tech. Rep. Burrowing Owl Consortium, Alviso, California.

reduce the risk of direct impact to individual burrowing owls and will not be conducted during the breeding season, as outlined in BIO-1c. Mitigation for loss of habitat will consist of permanent conservation of similar vegetation communities that provide burrowing owl nesting, foraging, wintering and dispersal opportunities as outlined in mitigation measure BIO-1d.

- 12-142** The commenter states that the DEIR fails to provide a burrowing owl exclusion plan, including location of replacement burrows and compensation habitat, and that a plan is necessary to evaluate the level of significance of burrowing owl eviction within the Project.

See response to comments 12-140, 12-141, and 12-151. While it is not anticipated that active burrows will be impacted, Mitigation Measures BIO-1c and BIO-1d would reduce impacts should any active nests be located within the Project site. These mitigation measures would ensure the Project did not result in the loss of active nests or mortality of individuals, would provide mitigation habitat that would be protected and managed for the conservation of habitat values in perpetuity, and would reduce impacts to burrowing owls to a less than significant level.

- 12-145** The commenter states that the DEIR lacks mitigation for tricolored blackbirds, though it acknowledges blackberry thickets along Old Alamo Creek provide potential nesting habitat, and that it fails to require the Applicant to preserve and manage one active tricolored breeding colony for each active or known breeding colony affected by the Project. The commenter also states that the Project does not comply with Mitigation Measures RSM 7 and RSM 14 in the Draft Solano HCP.

As noted in the DEIR, the blackberry thickets are marginal habitat, and tricolored blackbirds have not previously been observed using habitat within the Project site, so it is not currently considered to be occupied tricolored blackbird habitat. The thickets will be surveyed for nesting tricolored blackbirds during the pre-construction nesting bird surveys (it should be noted that a mitigation measure requiring general pre-construction nesting bird surveys was not included in the DEIR, and Mitigation Measure BIO-1g has been modified as shown below to add this survey requirement). As the tricolored blackbird is now listed as threatened under CESA, if a tricolored blackbird nesting colony is found in any of the blackberry thickets to be removed, the applicant would be required to apply for a 2081 Take Permit from CDFW. That take permit would undoubtedly require mitigation for impacts to occupied tricolored blackbird habitat and/or nesting colonies.

BIO-1g has been modified as follows:

- BIO-1g(a)** A qualified biologist shall conduct a pre-construction bird survey for nesting within 14 days prior to commencement of construction activities if anticipated to commence

during the nesting season (between March 1 and September 15). The qualified biologist shall document and submit the results of the pre-construction survey in a letter to CDFW and the City within 30 days following the survey. The letter shall include: a description of the methodology including dates of field visits, the names of survey personnel, a list of references cited and persons contacted, and a map showing the location(s) of any bird nests observed on the project site. If no active nests are identified during the pre-construction survey, then no further mitigation is required. Evidence, in the form of a letter report documenting the results of the survey, shall be submitted to the Community Development Department prior to the issuance of any grading or building permits within the project site.

If any active nests are identified during the preconstruction survey within the project site, a buffer zone will be established around the nests. A qualified biologist will monitor nests weekly during construction to evaluate potential nesting disturbance by construction activities. The biologist will delimit the buffer zone with construction tape or pin flags within 250 feet of the active nest and maintain the buffer zone until the end of the breeding season or until the young have fledged. Guidance from CDFW will be requested if establishing a 250-foot buffer zone is impractical. Guidance from CDFW will be requested if the nestlings within the active nest appear disturbed.

Trees anticipated for removal should be removed outside of the nesting season. The nesting season occurs between March 1 and September 15. If trees are anticipated to be removed during the nesting season, a pre-construction survey shall be conducted by a qualified biologist. If the survey shows that there is no evidence of active nests, then the tree shall be removed within ten days following the survey. If active nests are located within trees identified for removal, a 250-foot buffer shall be installed around the tree. Guidance from CDFW will be requested if the 250-foot buffer is infeasible.

With incorporation of the pre-construction nesting bird surveys and associated buffers (detailed in the response to comment 12-150), the DEIR does comply with RSM 7 of the Draft Solano HCP. As tricolored blackbird is now a CESA listed species, mitigation for tricolored blackbird must be determined through the 2081 consultation with CDFW.

- 12 -147** The commenter states that the DEIR fails to define a qualified biologist in regards to burrowing owl surveys.

Mitigation Measure BIO 1-c has been revised to require that the qualified biologist meet the requirements listed in the Department of Fish and Game *Staff Report on Burrowing Owl Mitigation* survey methodology.

- 12-148** The commenter states the DEIR is unclear as to how many pre-construction surveys the City is requiring for burrowing owl and the methods used to conduct those surveys.

This was addressed above in the response to comment 12-134, which includes revised Mitigation Measure BIO-1c.

- 12-149** The commenter states that pre-construction surveys conducted during the non-breeding season fail to detect burrowing owls nesting on-site and precludes the ability to identify impacts to nest sites, so does not comply with Mitigation Measure BO 2 of the Draft Solano HCP.

In the response to comment 12-134 above, mitigation measure BIO-1c was revised to specify that the burrowing owl surveys be conducted according to the Department of Fish and Game *Staff Report on Burrowing Owl Mitigation* survey methodology, which would require surveys during the breeding season (February 1 through August 31). However, as noted in the Response to Comment 12-135, Mitigation Measures BIO-1c and BIO-1e, as originally drafted, required pre-construction nest surveys for these species, which would allow them to be avoided in compliance with mitigation measures SH 4 and BO 2 in the Draft Solano HCP.

- 12-150** The commenter states that larger buffers are needed to ensure protection of burrowing owls.

The Staff Report that the commenter references recommends buffers of between 50 and 500 meters, depending on seasonality and level of disturbance. The 160-foot buffer required in the DEIR during the non-breeding season is consistent with those recommendations. The DEIR does not require a 250-foot buffer for burrowing owl, but instead requires that the qualified biologist establish an exclusion zone of at least 250 feet around burrows occupied during the breeding season. Response to comment 12-134 above includes revised Mitigation Measure BIO-1c, which requires that final avoidance buffers would be determined in consultation with CDFW.

- 12-151** The commenter states that the DEIR does not require mitigation for loss of burrowing owl nesting habitat and that loss of nesting habitat is the primary reason for the decline of California's burrowing owl population.

In response to this comment, Mitigation Measure BIO-1d is revised as follows to include mitigation for the potential loss of breeding habitat as detailed below. While DEIR Mitigation Measure BIO-1d is consistent with Mitigation Measure BO 1 from the draft HCP and is adequate to reduce impacts to burrowing owl to a less than significant level, this measure has been modified as follows to ensure consistency with Mitigation Measure BIO-13 from the City of Vacaville General Plan and Energy and Conservation Action Strategy Final EIR Addendum<sup>6</sup> (General Plan FEIR Addendum, City of Vacaville 2015) and Mitigation Measure BO 3 from the draft HCP. With the below addition, BIO-

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<sup>6</sup> City of Vacaville. 2015. City of Vacaville General Plan and Energy Conservation Action Strategy Final EIR Addendum. Prepared by Placeworks, July 13, 2015.

1c and BIO-1d ensure compliance with all applicable burrowing owl mitigation from the draft HCP as well as the General Plan FEIR Addendum.

**BIO-1d** Mitigation for the permanent loss of burrowing owl foraging habitat, and potentially nesting habitat, for urban development or other permanent facilities shall be provided at a 1:1 land/area ratio. Mitigation for nesting habitat will be provided only if pre-construction surveys (mitigation measure BIO-1c) indicate that active burrowing owl burrows are present on the Project site. If mitigation for nesting habitat is required, the applicant or their designee will preserve and manage one active burrowing owl nest for each known burrowing owl nest on the project site. This will be accomplished through the two-stage process described under Objective SH 2.2 of the Draft Solano HCP, through targeted acquisition, defined term contracts or agreements, and conservation easements of known active nesting habitat. The irrigated agriculture preserve mitigation provided for Swainson's hawk Mitigation BIO-1f, below, may satisfy the requirements for preserved foraging habitat under BIO-1d, provided that the applicant submits a Burrowing Owl Mitigation and Monitoring Plan for review by CDFW and to the City of Vacaville Community Development Director for approval by the City. The Burrowing Owl Mitigation and Monitoring Plan shall include the following components, which require that:

- Grasses and forbs within the owl habitat shall maintain an average effective vegetation height less than or equal to 6 inches from February 1 to April 15, when owls typically select mates and nest burrows. In addition, tree and shrub canopy cover shall be limited to the edges of the set aside area and shall not be within 200 feet of the artificial burrows
- No more than 20 percent of the mitigation area may support tree and shrub canopy or tall, dense grass cover.
- At least 5 acres of mitigation area shall be permanently not used for agricultural production to provide suitable nesting habitat and cover for burrowing owls.
- Burrowing owl habitat mitigation areas shall be subject to deed restrictions that would limit future urban development.
- A Habitat Maintenance Plan shall be prepared and implemented to ensure open space lands within the Project site (if habitat remains) and the irrigated agriculture mitigation lands are maintained, to the extent feasible, to be compatible with burrowing owl use.
- Adequate funding shall be provided to manage the owl mitigation area in perpetuity as specified in the Burrowing Owl Mitigation and Monitoring Plan.

If mitigation for impacts to occupied nesting habitat is required, the mitigation lands will have the following characteristics: Two additional acres (in addition to the 5 acres noted above) of preserve land shall be permanently set aside to provide suitable nesting habitat and cover for burrowing owls. This two-acre mitigation area for nesting habitat shall consist of one continuous block of habitat and shall not be located adjacent to a County road, highway, or within 650 ft of active Swainson's hawk nesting. If natural burrows are not present in sufficient density on the two-acre area to support nesting burrowing owls as determined by a qualified biologist based on a review of the Draft HCP, at least two burrow complexes (three burrows per complex) shall be installed and maintained in perpetuity within the two-acre nesting habitat set aside for burrowing owls. Artificial burrows will be monitored annually for effectiveness. Biological monitors shall report to the City on the colonization of the nest burrows by owls and the number of owls fledged per nest. Within any nesting habitat set aside for burrowing owls, management measures shall be implemented and adequately funded to maintain an average effective vegetation height less than or equal to 6 inches from February 1 to April 15. In addition, the preserved nesting habitat must be kept free of tree and shrub canopy cover in perpetuity.

- 12-152** The commenter states that the lack of mitigation for loss of burrowing owl nesting habitat conflicts within the Mitigation Measure BO 2 of the Draft Solano HCP and Mitigation Measure BIO-13 of the General Plan EIR.

See response to comment 12-151.

- 12-153** The commenter states that the Elsie Gridley Mitigation Bank and Burke Ranch Conservation Bank listed in Bio-1f are not feasible as they do not provide breeding habitat for burrowing owls and Burke Ranch does not have sufficient credits to satisfy the Project's mitigation requirements.

The Elsie Gridley mitigation bank website indicates that the bank does provide mitigation credit for burrowing owl foraging habitat, but not nesting habitat. However, if the Project applicant is required to replace loss of burrowing owl nesting or foraging habitat, the Project applicant shall purchase credits from a bank approved by the CDFW consistent with mitigation measures BIO-1c, BIO-1d and BIO-1f.

- 12-156** The commenter states that the DEIR fails to define a qualified biologist in regards to Swainson's hawk surveys.

Mitigation Measure BIO 1-e has been revised to require that the qualified biologist have a minimum of two years of experience implementing the *Swainson's Hawk Technical*

*Advisory Committee's Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley methodology.*

- 12-157** The commenter states that the proposed frequency and timing of required pre-construction surveys for Swainson's hawk does not provide reliable information on Swainson's hawk nest sites that may be impacted by the Project.

Revised Swainson's hawk survey protocol (Mitigation Measure BIO-1e) were detailed in the response to comment 12-134 above. This revised methodology requires protocol-level surveys in addition to the pre-construction nesting bird surveys, which will provide detailed information on any active nests that may be impacted.

- 12-167** The commenter states that the Project would impact riparian woodland along Old Alamo Creek, and that the DEIR does not include mitigation for this impact. It also states that this lack of mitigation, including a Riparian Restoration Plan, is inconsistent with the General Plan and Draft Solano HCP, and does not reduce the impacts to riparian woodland to a less than significant level.

We recommend the addition of the following mitigation measure in order to reduce impacts to riparian woodland to a less than significant level:

Mitigation for the loss of riparian woodland would occur at a minimum ratio of 1:1 (by acreage), or as otherwise required by CDFW in the Streambed Alteration Agreement. This mitigation may occur on-site within the Old Alamo Creek corridor, in other on-site open space, at a mitigation bank, or as otherwise approved by CDFW and the City. To mitigate for the loss of native riparian vegetation, plantings will occur at the ratios outlined consistent with Mitigation Measure RSM 1 in the Solano HCP, including applicable tables detailing mitigation acreage and mitigation planting ratios. If permittee-responsible mitigation is utilized, a Riparian Restoration Plan shall be prepared and approved by the City. The goal of the riparian vegetation replacement is to contribute to the establishment of a multi-store riparian community with a variety of native riparian species appropriate for the mitigation site. Plantings are not required to directly replace impacts on a species-by-species basis.

- 12-168** This commenter notes that the DEIR states that any loss of Waters of the U.S. would be replaced at a 1:1 ratio, which is not entirely consistent with a later statement that the Applicant may use creation, preservation, or restoration as mitigation. It also notes that the DEIR concludes compliance with permits acquired from the Corps of Engineers, Water Board, and/or CDFW would reduce impacts to waters to a less than significant level. The comment goes on to state that a 1:1 mitigation ratio may not be sufficient to reduce impacts to a less than significant level for seven reasons, which are included in comments 12-169 through 12-176 (see below).



The U.S. Environmental Protection Agency<sup>7</sup>/U.S. Army Corps of Engineers 2008 Mitigation Rule includes ratio adjustments that take into account risk and uncertainty, temporal loss, in- or out- of watershed mitigation, in- or out- of kind mitigation, and other factors that results in the ultimate mitigation ratios included in a Department of the Army permit. The four types of mitigation outlined in the Mitigation Rule are: restoration, enhancement, establishment, and preservation. The three mechanism that may be utilized to complete this mitigation include: permittee-responsible compensatory mitigation, mitigation banks, and in-lieu fee programs. Mitigation ratios required by the Corps may vary based on the type or types of mitigation and mitigation vehicles utilized.

Some of the Waters that are planned to be filled during Project activities are not Corps-jurisdictional (i.e., not Waters of the U.S.), but would be considered Waters of the State. Specifically, Waters of the State that may be filled include irrigation canals. Impacts to Waters of the State would also be mitigated for at a minimum 1:1 ratio as required by the Regional Water Quality Control Board, which will take into account the appropriateness of proposed mitigation in determining final ratios.

With the exception of Old Alamo Creek, all of the Waters of the U.S. and State that would be filled consist of irrigation canals, irrigation ditches, and roadside ditches. These Waters are used exclusively to convey irrigation water and storm runoff and are actively managed to reduce ponding and facilitate flow, which serves to limit or eliminate wetland vegetation. These Waters are subject to a variety of agricultural and adjacent uses that likely result in indirect impacts that further reduce their functions and values. Water does not stay in these conveyance features for any extended period, and they have very low ecological and habitat values. It is anticipated that Waters utilized as mitigation would be designed and managed in perpetuity to have ecological functions and values that would be much higher than the impacted Waters and would likely be part of a larger contiguous block of habitat that would support both Waters and habitat for native plants and wildlife, including those that may be impacted by the Project, among others. While there would be minor impacts to Old Alamo Creek for road and trail crossings, impacts to both the creek channel and riparian habitat would occur at a minimum 1:1 ratio.

For the above reasons, we believe that the conclusion in the DEIR that a minimum 1:1 mitigation ratio would reduce impacts to Waters of the U.S. to a less than significant level is accurate. Additionally, all of the factors that may lead to increased mitigation ratios discussed in comments 12-169 through 12-177 below would be taken into

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<sup>7</sup> U.S. Environmental Protection Agency. April 10, 2008. 40 CFR Part 230, *Compensatory Mitigation for Losses of Aquatic Resources; Final Rule*.

consideration by the Corps during the permitting process for fill of Waters of the U.S., and it is very likely a mitigation ratio higher than 1:1 would be required unless, perhaps, an approved mitigation bank is utilized.

We recommend that Mitigation Measure BIO-3 be revised as follows to allow use of a mitigation bank or in lieu fee mitigation program:

**BIO-3** To mitigate for the loss of potentially jurisdictional waters of the United State and/or waters of the State, the Project applicant shall purchase credits at an agency-approved mitigation bank with a service area that includes the Project site, participate in the U.S. Army Corps of Engineers Sacramento District's in-lieu fee program by paying required fees, and/or mitigate through permittee-responsible mitigation ~~create, preserve, or restore jurisdictional waters to the extent~~ as required under the Clean Water Act or Waste Discharge Requirements (WDRs), as applicable. If Section 404, 401, or WDR authorizations are required, mitigation acreage requirements shall be determined in consultation with the U.S. Army Corps of Engineers and the Regional Water Quality Control Board and as outlined in the U.S. Army Corps of Engineers 2008 Mitigation Rule.

In addition, if construction activities will impact CDFW jurisdictional resources, the applicant shall obtain, and comply with, a Lake and Streambed Alteration Agreement from CDFW, including any required mitigation.

**12-169** This comment states that preservation of waters may not be an acceptable mitigation approach as it does not achieve no net loss, and that if preservation were to be utilized, a ratio of greater than 1:1 may be necessary.

The Corps' 2008 Mitigation Rule does allow for the use of preservation as mitigation, on a case by case basis as approved by the District Engineer. It is accurate that if preservation were utilized, it is likely that a mitigation ratio of greater than 1:1 would be required by the Corps. Final mitigation ratios will be determined during the regulatory permitting process.

**12-170** The commenter states that there will be a lag time between the functions lost from original habitats impacted and functions gained from replacement habitat and should therefore be greater than a 1:1 ratio. Additionally, the commenter states that the loss of mature riparian vegetation will take decades to replace.

If mitigation is accomplished through purchase of credits from a bank, the replacement wetlands are already established (and/or temporal loss is accounted for in the bank's credit release schedule), and there is no temporal loss. If the mitigation is not accomplished at a bank, the USACE *Final 2015 Regional Compensatory Mitigation and*

*Monitoring Guidelines*<sup>8</sup> (which are utilized by the USACE and typically the RWQCB) require an analysis of potential temporal loss, and if any is found, additional mitigation is required to offset that. As such, mitigating for impacts to Waters in accordance with USACE and RWQCB permit requirements would reduce impacts to a less than significant level. See response to comment 12-161 above for a recommended new mitigation measure for the loss of approximately 0.20 acre of riparian woodland. Final mitigation ratios would be determined in consultation with CDFW and would be consistent with the Solano HCP, and would reduce impacts to riparian vegetation to a less than significant level.

- 12-171** The commenter states that there is uncertainty associated with the proposed mitigation because restoration and creation Projects do not consistently replace impacted functions and values, and that uncertainty increases when mitigation is conducted off-site or there is reduced understanding of the watershed conditions. Additionally, the commenter suggested that mitigation beyond no net loss is helpful to the conservation of species.

If mitigation is accomplished through purchase of credits from an approved mitigation bank, the replacement wetlands are already established, and the functions and values that they support are known. If the mitigation is not accomplished at a bank, or if the mitigation is not in-kind (i.e., does not support similar or greater functions and values) the USACE *Final 2015 Regional Compensatory Mitigation and Monitoring Guidelines* (which are utilized by the USACE and typically the RWQCB) require an analysis of proposed mitigation functions and values, and if any difference is found, additional mitigation may be required to offset that. As such, mitigating for impacts to Waters in accordance with USACE and RWQCB permit requirements would reduce impacts to a less than significant level. While wetland mitigation is expected to provide habitat values for species, potentially significant impacts to special-status species are being mitigated separately.

- 12-172** The commenter states that there is uncertainty associated with the mitigation proposed in the DEIR because: 1) specific mitigation sites have not been selected, 2) a mitigation plan has not been prepared, and 3) performance standards have not been established.

The DEIR outlines a range of potential mitigation options that may be utilized to reduce impacts to Waters of the U.S. to a less than significant level. The three items identified in this comment are not pertinent to all of these mitigation options. Mitigation sites, a mitigation plan, and performance standards will be selected in consultation with the regulatory agencies in order to assure the project achieves compliance with no net loss

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<sup>8</sup> U.S. Army Corps of Engineers. 2015. *Final 2015 Regional Compensatory Mitigation and Monitoring Guidelines for South Pacific Division USACE*.

policies. As part of this process and related to the three items identified in this comment, the Corps' Mitigation Checklist will be utilized to determine final mitigation ratios based in part on mitigation location and risk and uncertainty. As the Corps prioritizes avoidance and minimization of impacts over mitigation, final impacts to Waters of the U.S. will be determine during the Corps' permitting process, and subsequently mitigation sites (which may include agency-approved mitigation banks or permittee-responsible mitigation sites) will be selected, and a mitigation plan and performance standards will be prepared and approved by the Corps, if necessary (such as for permittee-responsible mitigation).

- 12-173** This comment states that a mitigation ratio of greater than 1:1 may be necessary if mitigation sites are not adequately buffered from adjacent land uses.

Any mitigation site(s) utilized, which will be approved by the regulatory agencies during the permitting process, will be sufficiently buffered from incompatible land uses. If bank credits or the ILF program are utilized, it is anticipated that credit releases will have accounted for any potential risk or uncertainty associated with buffers surrounding mitigation sites. Final mitigation ratios will be determined during the regulatory permitting process.

- 12-174** The commenter states that Projects that impact rare species or resources are generally required to provide higher mitigation ratios and that the impacts to riparian woodland in the Project would adversely affect Swainson's hawk and, potentially several special-status bat species.

Riparian woodland impacts are not significant and are limited to the removal of diseased and damaged trees and weedy understory, as well as the removal of approximately 0.20 acres of habitat for construction of the Carroll way and additional minor impacts for trail crossings and utilities over and through Old Alamo Creek. Removal of hazard trees will not impact Swainson's hawk nesting habitat as pre-construction take avoidance surveys will reduce direct impacts to the species, the majority of riparian habitat on-site will not be impacted, and Swainson's hawk are not strong influenced by the characteristics of the vegetation immediately surrounding nesting trees (Woodbridge, B. 1998. Swainson's Hawk (*Buteo swainsoni*)<sup>9</sup>. Additionally, impacts to Swainson's hawk are mitigated under BIO-1d and are not included in the proposed minimum 1:1 wetland mitigation ratios.

Impacts due to the loss of bat roosting habitat associated within riparian woodland impacts do not reach the level of significance as the majority of potential roosting bat habitat will remain, and potentially significant impacts due to the direct disturbance of roosting bats will be avoided through the implementation of BIO-1h.

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<sup>9</sup> Woodbridge, B. 1998. Swainson's Hawk (*Buteo swainsoni*). In the Riparian Bird Conservation Plan: a strategy for reversing the decline of riparian-associated birds in California. California Partners in Flight.

See response to comment 12-168 above regarding elements used to determine final mitigation ratios for Waters. With the possible exception of impacts to riparian habitat associated with crossings over Old Alamo Creek, no rare resources would be impacted. Most of the Waters that will be filled consist of irrigation canals, irrigation ditches, and roadside ditches. Mitigation for impacts to special-status species would be determined independently from mitigation for impacts to Waters.

- 12-175** The commenter states that compensatory mitigation ratios generally depend on the distance of mitigation sites from impact sites and that offsite mitigation generally demands 2:1 or higher ratio.

See response to comment 12-168 above. Final mitigation ratios may be higher than 1:1 if mitigation is not within the same watershed as the impact site and will be determined during the regulatory permitting process.

- 12-176** The commenter states that a greater than 1:1 ratio may be needed to account for indirect and cumulative impacts, and that compensatory mitigation is required for significant indirect impacts on riparian habitat and potentially significant cumulative impacts.

The DEIR does not acknowledge that there will be significant indirect impacts to the riparian community, but rather states that the "vegetation removal activity could result in a potentially significant impact", and subsequently requires mitigation measures BIO-2a and BIO-2b to reduce any potential impact to less than significant. An additional recommended mitigation measure is included above in response to comment 12-167 to further reduce impacts to riparian habitat and ensure that impacts are less than significant.

- 12-177** The commenter states that Projects may require compensatory mitigation ratios of 2:1, 3:1 or greater, especially when threatened or endangered species are impacted.

The Project proposes to mitigate for impacts to Waters at a minimum 1:1 ratio to ensure that impacts are less than significant. The DEIR acknowledges that higher mitigation ratios may be required by the U.S. Army Corps of Engineers, and the Regional Water Quality Control Board for reasons outlined in the response to comment 12-168 above. Impacts to special status species are mitigated separate from Waters; however, Waters within the Project site do not support federally listed species.

- 12-178** The commenter states that regulatory permits provide no assurances that Project impacts to jurisdictional waters and riparian habitat will be less than-significant.

Mitigation for impacts to Waters will be determined in consultation with the regulatory agencies and will occur at a *minimum* ratio of 1:1. As noted in the comment letter, and

summarized in response 12-168, a variety of factors can contribute to final ratios. Most of the Waters that would be impacted are used exclusively to convey irrigation water and storm runoff and are managed to reduce or eliminate wetland vegetation. These Waters are subject to a variety of agricultural and adjacent uses that likely result in indirect impacts that further reduce their functions and values. Water does not stay in these conveyance features for any extended period, and they have very low ecological and habitat values. It is anticipated that Waters utilized as mitigation would be designed and managed in perpetuity to have ecological functions and values that would be much higher than the impacted Waters and would likely be part of a larger contiguous block of habitat that would support both Waters and habitat for native plants and wildlife, including those that may be impacted by the Project. While there would be minor impacts to Old Alamo Creek for road and trail crossings, impacts to both the creek channel and riparian habitat would occur at a minimum 1:1 ratio. While it may be true that not all Clean Water Act permit holders comply with all permit conditions, those conditions are binding and the permittee has a legal obligation to comply. Due to the above-mentioned factors, we believe that the proposed mitigation would reduce Project impacts to a less than significant level.

***The following are responses to select comments from Letter 12.***

- 12-45** The commenter states that the Project falls within areas designated as an Irrigated Agricultural Conservation Area, “which in general is a target area for conservation for both Swainson’s hawk and burrowing owl”, and that the DEIR fails to properly address the Projects impacts on biological resources, establish the existing setting for some of the resources, fails to adequately disclose and assess impacts on other resources, and that many of the mitigation measures fail to mitigate the impacts to a less than significant level or are missing from the DEIR.

The Project area is within the Urban Growth Boundary of the City of Vacaville. The HCP Plan Area is broken into three conservation areas for Swainson’s hawk, one of which is the Irrigated Agriculture Conservation Area. This area includes, “all of the irrigated and non-irrigated agricultural land and some grassland habitat...”. It should be noted that most of the existing development within the City of Vacaville is also in this Conservation Area (See Solano HCP Figure 4-21). This is a descriptor for habitat types present and does not mean that the Project site is designated as a conservation area. The remaining comments are general in nature and summarize the commenters concerns. Specific comments are addressed separately below.

- 12-46** The commenter states the DEIR fails to properly describe the environmental setting for Swainson’s Hawk and Burrowing owl due to the lack of protocol-level surveys.

Completion of species-specific protocol-level surveys are not necessary to establish the environmental setting of a project site. Protocol-level surveys are conducted to

determine whether or not a particular species is actively using a site, and therefore, whether that site is "occupied habitat" for that species. Protocol-level surveys for burrowing owl and Swainson's hawk are not required by any regulatory agency, or typically included as a condition of any permit, but are sometimes included as a mitigation measure in a CEQA document to ensure that occupied habitat is appropriately identified and mitigated. Appropriate compensatory mitigation for loss of potential habitat may be accomplished without the completion of protocol-level surveys when presence has been assumed, and pre-construction nesting surveys can be utilized to avoid take of individuals and nests that may be present within a project site. The Biological Resources section of the DEIR describes the habitat types present on the project site and the potential for special-status species to occur. The DEIR concludes that suitable habitat for both Swainson's hawk and burrowing owl is present on-site (DEIR pp 4.2-18 and 4.2-21). Based on other comments received, Mitigation Measures BIO-1c and BIO-1e have been revised to require protocol-level surveys be conducted prior to construction to determine whether or not there is occupied burrowing owl habitat within the Project Area, and to ensure that Swainson's hawk nests are identified, if present in the survey area. The revised measures are included in Response to Comment 12-134.

- 12-47** The commenter states the (Project) conflicts with the Solano HCP Swainson's Hawk and Burrowing owl mitigation measures (SH4 and BIO2), and that the required pre-construction surveys are not adequate.

See response to comments 12-46 and 12-134.

- 12-48** The commenter provides regulatory background and states that the DEIR generally fails to provide accurate scientific and factual data.

These comments are general in nature and summarize the commenters concerns. Specific comments are addressed separately below.

- 12-49** The commenter states the DEIR fails to disclose, describe, or quantify impacts to riparian woodland.

See response to comments 12-136 and 12-167.

- 12-51** The commenter states the DEIR fails to include all impacts to Burrowing Owl habitat, and that the Old Alamo Creek corridor preserved on-site does not serve as habitat for this species.

See response to comment 12-139.

- 12-52** The commenter states that by failing to properly account for impacts to Burrowing Owl habitat, the DEIR also fails to mitigate for it.

See response to comment 12-139.

- 12-53** The commenter states that the DEIR fails to analyze impacts associated with the eviction of burrowing owls from the Project site and that failing to discuss passive relocation in the DEIR violates CEQA.

See response to comments 12-140 and 12-141.

- 12-55** The commenter states that mitigation measures BIO-1c and 1d fail to reduce impacts to burrowing owl to a less than significant level under CEQA.

See response to comments 12-46, 12-134, and 12-151. Protocol-level surveys and mitigation for loss of potential habitat would reduce impacts to a less than significant level.

- 12-56** The commenter states that the DEIR fails to define a “qualified biologist”. The commenter states that the DEIR references the Solano HCP for burrowing owl protocol, and that the Solano HCP does not define the required number and method of surveys for this species, and that the mitigation proposed in the DEIR does not comply with Mitigation Measure BO 2 of the Solano HCP.

See response to comments 12-134, 12-135, and 12-147.

- 12-57** The commenter states that the proposed exclusion zones around burrowing owl burrows are unsupported by scientific data and do not reduce impacts to a less than significant level.

See response to comment 12-150.

- 12-58** The commenter states that Mitigation Measure BIO-1 conflicts with Mitigation Measure BO 2 in the Draft Solano HCP and Mitigation Measure BIO-13 of the General Plan EIR due to lack of nesting habitat mitigation.

See response to comment 12-151.

- 12-59** The commenter states that Mitigation Measure BIO-1d is infeasible due to lack of available credits at the Burke Ranch Mitigation Bank.

See response to comment 12-153.

- 12-63** The commenter states BIO-1e survey requirements do not provide reliable information on Swainson’s hawk nest sites that may be impacted by the Project, and that the survey window proposed in the DEIR would not allow for completion of protocol-level surveys.

See response to comments 12-134 and 12-135.



**12-68** The commenter states that the replacement of impacted aquatic features at a 1:1 ratio or complying with required permits does not mitigate impacts to a less than significant level.

See response to comments 12-168 and 12-178.

**12-69** The commenter states that a 1:1 wetland mitigation ratio does not achieve a national standard of no-net loss, that a higher mitigation ratio is needed to compensate for uncertainty and temporal losses, and to compensate for indirect and cumulative impacts.

See response to comments 12-168, 12-169, 12-170, 12-171, 12-172, 12-173, 12-174, 12-175, 12-176 and 12-177.

**12-70** The commenter states that compliance with regulatory permits alone does not provide evidence to support a less than significant impact conclusion, that previous compensatory mitigation Projects have not achieved a no overall net loss of wetland acres and functions, and that the City must conduct an analysis of impacts and identify proper enforceable mitigation.

See response to comment 12-178.

**12-73** The commenter states that there will be direct and indirect impacts to riparian woodland along Old Alamo Creek, that there is no mitigation for the significant impacts and that the DEIR conflicts with the General Plan and Draft Solano HCP.

In addition to the information provided at the beginning of this letter, see responses to comments 12-136, 12-167, and 12-174.

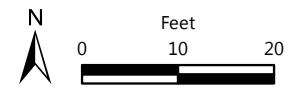
G:\Madrone\The Farm at Alamo - 16042\Maps\MXD\MapXDs\Riparian\Figure 1\_Riparian\_Carroll\_Way.mxd 6/15/2018, 11:12:37 AM



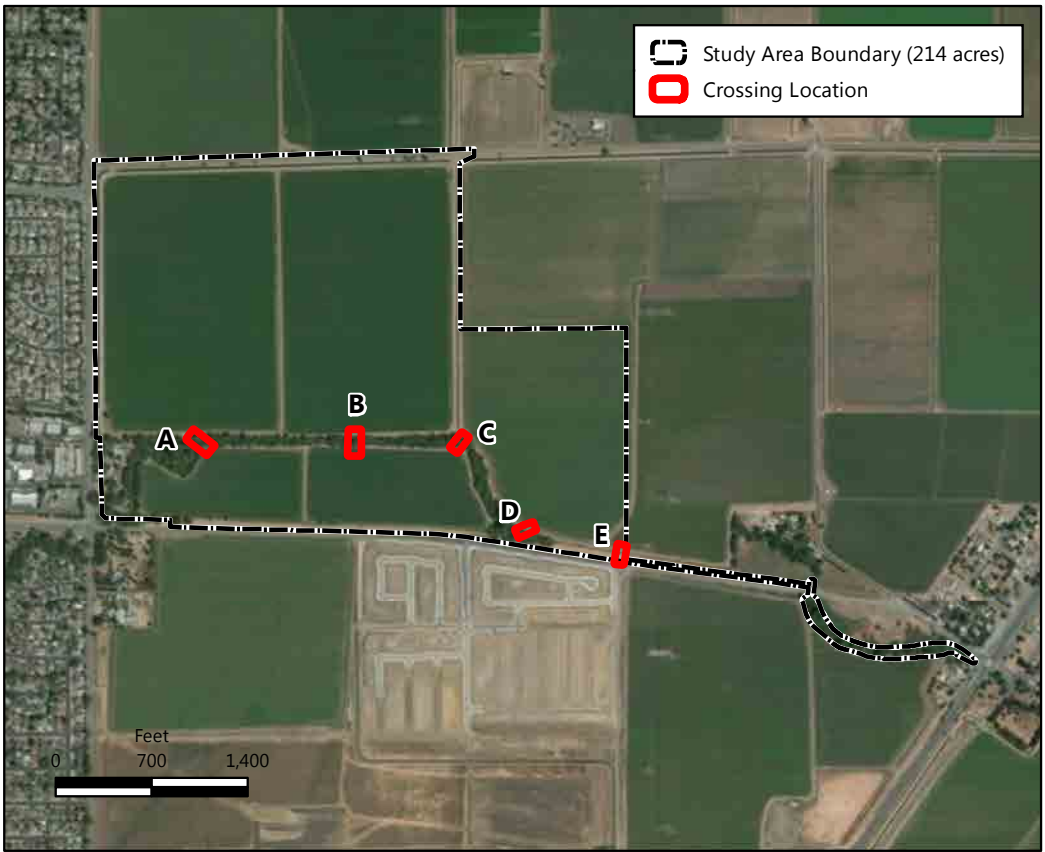
Carroll Way Bridge (0.2 acre)

**Tree Species**

- Juglans hindsii*
- Populus fremontii*
- Quercus lobata*
- Salix gooddingii*
- Salix laevigata*



Tree Characteristics			
Tree Number	Species	Common Name	DBH (inches)
1	<i>Quercus lobata</i>	Valley oak	6
2	<i>Juglans hindsii</i>	Northern California walnut	4
3	<i>Salix gooddingii</i>	Black willow	18, 54
4	<i>Populus fremontii</i>	Fremont's cottonwood	82
5	<i>Juglans hindsii</i>	Northern California walnut	6
6	<i>Juglans hindsii</i>	Northern California walnut	23
7	<i>Quercus lobata</i>	Valley oak	3
8	<i>Salix gooddingii</i>	Black willow	35
9	<i>Salix laevigata</i>	Red willow	40
10	<i>Juglans hindsii</i>	Northern California walnut	10, 4



**Figure 1**  
Potential Riparian Impacts

The Farm At Alamo Creek  
Solano County, California



Aerial Source: USDA, National Agriculture Imagery Program, 8 July 2016.



# **APPENDIX C**

## *Consistency with General Plan Biological Mitigation Measures*



## MEMORANDUM

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**To:** Amy Feagans, Contract Planner  
**From:** Mike Henry, PhD, Senior Ecologist, Dudek  
**Subject:** Consistency with General Plan Mitigation Measures  
**Date:** August 3, 2018

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Mitigation Measures BIO-5, BIO-9, BIO-10 and BIO-13 from the City's General Plan EIR are applicable to the proposed project and have been provided below in order to demonstrate that the mitigation measures identified for the project are consistent with the General Plan EIR measures. The General Plan mitigation measures and the project's mitigation measures are both based on guidance provided in the Draft Solano HCP. The project's mitigation measures are equally effective and consistent with both the Draft Solano HCP and the General Plan mitigation measures and, in some instances, more restrictive because the measures are relying on project level, site-specific information, as described below.

The Farm at Alamo Creek EIR (EIR) mitigation measure BIO-3 is consistent with General Plan mitigation measure BIO-5. For example, EIR mitigation measure BIO-3 requires mitigation for loss of native riparian vegetation through plantings using ratios from measure RSM-1 in the Solano HCP. EIR mitigation measure BIO-3 also requires preparation of a Riparian Restoration Plan if permittee-responsible mitigation is used. The project would not affect hydrological and biological connectivity of the riparian corridor, so item 3 in the General Plan mitigation measure BIO-5 would not apply.

**BIO-5:** Mitigation for permanent impacts to riparian, stream, and freshwater marsh habitat associated with riverine systems in the EIR Study Area shall be provided through restoration of in-kind habitat. Restoration of riparian habitat or creation of new habitat must occur either on site, at an approved mitigation bank, or at another high-quality site, and must be capable of supporting similar quality and species as the impacted site. All Riparian Restoration Plans shall be reviewed and approved by the City and CDFW. Restoration and enhancement activities shall be directed toward severely degraded stream segments in Priority Drainages and Watersheds (Figure 4.4-5). Basic mitigation requirements are based on impact area, vegetation replacement, and

*Memorandum*

*Subject: Consistency with General Plan Mitigation Measures*

designated conservation values of the riparian, stream, and freshwater marsh habitat as assessed in the Solano HCP or standardized policies developed by the City per proposed General Plan Action COS-A1.1 that shall be based on the principles found in the current working draft of the Solano HCP.

1. Vegetation. All native, woody vegetation greater than 1 inch in diameter shall be replaced by planting native woody vegetation to at the following minimum ratios and performance standards:

Vegetation Replacement Size (inches) <sup>a</sup>	Native Species (Except Oaks and Elderberry) <sup>b</sup>	Oak Species <sup>c</sup>	Nonnative Species
<i>Priority Drainages</i>			
<12	3:1	5:1	1:1
12-24	6:1	7:1	2:1
>24	10:1	12:1	3:1
<i>Non-Priority Drainages</i>			
<12	3:1	5:1	1:1
12-24	4:1	7:1	1.5:1
>24	6:1	12:1	3:1

**Note: Performance Criteria** – The number of native riparian plants that become established at the end of the five-year monitoring period shall equal a minimum of 80 percent of total required plantings. Established plants may include natural regeneration and volunteer plants.

- <sup>a</sup> Trees shall be measured at diameter at breast height (dbh); multiple trunked trees shall be reported as the cumulative total of all trunks. Shrubs shall be measured at the midpoint of the main trunk (the ground and the first major branch).
- <sup>b</sup> Elderberry replacement ratios and other associated mitigation requirements are prescribed in Mitigation Measure BIO-9. Tree and shrub replacement requirements under this mitigation measure may be used to fulfill all or contribute to the associated native woody riparian vegetation requirements prescribed under Mitigation Measure BIO-9.
- <sup>c</sup> Because of slow growth rates, oak species require higher replacement ratios. If acorns are used instead of seedlings (at least one year old), planting ratios shall be doubled.
- <sup>d</sup> The five-year monitoring period for documenting successful establishment may be extended if the mitigation is not performing adequately. At a minimum, the determination of success monitoring shall require at least two years without significant intervention (e.g., additional plantings or irrigation). Vegetation may need to be planted at higher ratios, depending on site conditions, in order to account for mortality of planted material.

The goal of the riparian vegetation replacement is to contribute to the establishment of a multi-story riparian community with a variety of native riparian species appropriate for the mitigation site. Plantings are not required to directly replace impacts on a species-by-species basis.

2. **Area.** Riparian mitigation planting shall also achieve the following area criteria based on whether the mitigation is achieved through enhancement (e.g., supplemental planting of existing riparian habitats) or through establishment of woody riparian habitats (e.g., existing or created channel lacking native woody riparian vegetation):

Priority Drainages		Non-Priority Drainages		
	<i>Enhancement</i>	<i>Created/Restored</i>	<i>Enhancement</i>	<i>Created/Restored</i>
Area Ratios	4:1	2:1	3:1	2:1

3. **Hydrological and Biological Connectivity:** Mitigation for permanent impacts to third and higher order streams and second order streams with riparian vegetation shall maintain the hydrologic and biological connectivity between downstream and upstream areas. Facilities such as bridges, culverts, outfalls, and grade control structures shall not create cumulative gaps in the channel or riparian corridor greater than 300 feet. Bypass or rerouted channels shall be constructed where necessary to replace impacted habitats and to limit gaps between existing riparian habitats.

Note: The intent of requiring mitigation for removal of nonnative trees and shrubs is to protect riparian habitat. It is not intended to require mitigation for the removal of nonnative trees or shrubs as a part of riparian restoration or enhancement projects.

The above measure applies to waterways subject to State regulation under Section 1602 of the Fish and Game Code and Porter-Cologne Water Quality Act and waters of the United States subject to regulation under the federal Clean Water Act.

The EIR mitigation measure BIO-1a is consistent with General Plan mitigation measure BIO-9 and the Draft Solano HCP. However, EIR mitigation measure BIO-1a is focused on methods of avoidance for elderberry shrubs, and does not include transplantation or removal of elderberry shrubs as an allowable activity. Therefore, mitigation measure BIO-1a does not include those details that are included in General Plan mitigation measure BIO-9. By requiring avoidance and disallowing transplantation or removal, the EIR mitigation measure is more protective of these resources than measures included in the General Plan or Draft Solano HCP.



**BIO 9:** Where removal of elderberry shrubs or their stems measuring 1 inch in diameter or greater is unavoidable, these impacts shall be mitigated. Removal of elderberry shrubs or stems 1 inch in diameter or greater and associated riparian vegetation shall not create gaps in a riparian corridor greater than 300 feet. Mitigation will include salvaging and replanting affected elderberry shrubs and planting additional elderberry shrubs and associated native riparian plants according to the following criteria: 1. Transplanting Removed Elderberry Shrubs. Transplant removed elderberry shrubs to an approved, secure site, such as an approved mitigation bank location in Solano County or non-bank relocation site to be approved by the City and USFWS. All non-bank relocation sites shall meet the minimum reserve standards identified in the Solano HCP or standardized policies developed by the City per proposed General Plan Action COS-A1.1 that shall be based on the principles found in the current working draft of the Solano HCP (e.g., site shall be protected by a conservation easement or other applicable protection measure, and funding shall be provided for long-term monitoring and maintenance). Transplanting shall occur between June 15 and March 15 (November through February is the optimal period for transplanting). Elderberry may not be transplanted between March 16 and June 14 except where isolated bushes are located more than 0.5 miles from other suitable valley elderberry longhorn beetle habitat and no signs of use (e.g., exit holes) have been identified. 2. Mitigation for Whole Shrub Removal. For each removed elderberry bush, plant a minimum of five elderberry seedlings or rooted cuttings and five associated native, woody riparian plants in the mitigation area, or purchase applicable credits from a mitigation bank approved under the Solano HCP or standardized policies developed by the City per proposed General Plan Action COS-A1.1 (that shall be based on the principles found in the current working draft of the Solano HCP) to sell valley elderberry longhorn beetle credits. 3. Mitigation for Trimming/Removal of Stems 1 Inch in Diameter or Greater. For every ten elderberry stem 1 inch in diameter or greater that are trimmed/removed, plant two elderberry seedlings and two associated native, woody riparian plant seedlings. Mitigation plantings shall occur, to the maximum extent practicable, in areas adjacent to the impact area and/or in existing gaps in riparian corridors. Priority areas for riparian revegetation and planting of elderberry include Alamo and Ulatis Creeks. The requirements for associated native, woody riparian plant establishment may be fulfilled in combination with the woody riparian vegetation replacement requirements prescribed under Mitigation Measure BIO-5.

The EIR mitigation measure BIO-1f is consistent with General Plan mitigation measure BIO-10. Mitigation will be at a 1:1 ratio, and would be within the Irrigated Agriculture Zone, as required under General Plan mitigation measure BIO-10. EIR mitigation measure BIO-1f precludes the same activities as the General Plan mitigation measure BIO-10. Beyond that, EIR mitigation measure BIO-1f also directs that crop types within the mitigation lands must be compatible with Swainson's hawk foraging, providing additional protections.

**BIO-10:** Long-term impacts to Swainson's hawk foraging habitat in the irrigated agriculture conservation area (Figure 4.4-6) shall be mitigated through the preservation (conservation easement) and management of foraging habitat at a ratio of 1:1 (mitigation-to-impact). All mitigation areas shall remain in "agricultural production" provided these activities are consistent with the economics of agricultural operations. The following activities shall also be prohibited on the mitigation area in order to promote value for Swainson's hawk foraging:

- Permanent plantings of orchards and/or vineyards for the production of fruits, nuts, or berries.
- Cultivation of perennial vegetable crops such as artichokes and asparagus, as well as the annual crops cotton and rice.
- Commercial feedlots, which are defined as any open or enclosed area where domestic livestock are grouped together for intensive feeding purposes.
- Horticultural specialties, including sod, nursery stock, ornamental shrubs, ornamental trees, Christmas trees, and flowers.
- Commercial greenhouses or plant nurseries.
- Commercial aquaculture of aquatic plants and animals and their byproducts.
- Commercial wind energy development.

Mitigation shall be provided in the Irrigated Agriculture Potential Reserve Area (as depicted in the Swainson's Hawk Potential Reserve Areas figure in the Solano HCP) or in areas identified in standardized policies developed by the City per proposed General Plan Action COS-A1.1 that shall be based on the principles found in the current working draft of the Solano HCP.

The EIR mitigation measure BIO-1d is consistent with General Plan mitigation measure BIO-13. EIR measure BIO-1d requires a 1:1 mitigation for impacts to foraging habitat, and for nesting habitat if protocol-level surveys indicate burrowing owls are nesting on

the project site. Mitigation measure BIO-1d points at the two stage process of the Draft Solano HCP. The provision in EIR mitigation measure BIO-1d allowing for use of mitigation lands for other species to apply to burrowing owl requirements is also consistent with General Plan mitigation measure BIO-13. The suitability of those shared mitigation lands would be ensured through implementation of the Burrowing Owl Mitigation and Monitoring Plan required under EIR mitigation measure BIO-1d.

**BIO-13:** Mitigation for the permanent (i.e., more than one season) disturbance, destruction, or conversion of burrowing owl habitat for urban development or other permanent facilities shall be provided at a 1:1 ratio. Project sites that have been occupied during the nesting season at any time during the past three years or found to be nesting at the time of pre-construction surveys will be considered occupied by owls and require additional nesting habitat mitigation (described in the Solano HCP) or standardized policies developed by the City per proposed General Plan Action COS-A1.1 that shall be based on the principles found in the current working draft of the Solano HCP). All burrowing owl habitat affected either directly, indirectly, or cumulatively by the project will be subject to the compensation requirement. Mitigation lands used to satisfy mitigation measures for other natural communities and/or species identified in Tables 4.4-2 and 4.4-3 of the Draft EIR (i.e., valley floor grassland and vernal pool natural community [excluding the wetland restoration/construction component], coastal marsh natural community, Swainson's hawk, California red-legged frog, and callippe silverspot butterfly) can be used to satisfy burrowing owl conservation if the reserve area meets the basic burrowing owl reserve management standards and criteria specified in the Solano HCP or standardized policies developed by the City per proposed General Plan Action COS-A1.1 that shall be based on the principles found in the current working draft of the Solano HCP. Exemptions: Infill projects less than 5 acres in size and surrounded by urban development would have minimal effects on the extent and quality of burrowing owl habitat and are exempt from burrowing owl foraging habitat mitigation requirements unless a known or active nest is present. Additionally, project proponents are obligated to avoid destruction of active burrowing owl nests and take of burrowing owls in compliance with the federal Migratory Bird Treaty Act (MBTA) and California Fish and Game Code Section 3503.5 and to meet the requirements specified in the Solano HCP or standardized policies developed by the City per proposed General Plan Action COS-A1.1 that shall be based on the principles found in the current working draft of the Solano HCP.

# **APPENDIX D**

*Madrone Ecological Consultants, Addendum to the  
Farm at Alamo Creek  
Biological Resources Assessment*





# Memo

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To: Tom Phillippi, Phillippi Engineering, Inc.

From: Daria Snider, Senior Biologist

Date: 11 September 2018

Subject: Addendum to the Farm at Alamo Creek Biological Resources Assessment prepared October 2017

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Dear Mr. Phillippi,

Per your request, we have prepared this addendum to assess biological resources with the potential to occur within the "Addendum Study Area", an additional portion of Old Alamo Creek to which access was not available when the original Biological Resources Assessment (2017 BRA) was prepared in October 2017. As access to the Addendum Study Area recently became available, we surveyed the area and prepared this memo, which is intended to supplement the 2017 BRA. The portion of Old Alamo Creek that runs through the Addendum Study Area is largely similar to other portions of the creek that were previously assessed in the 2017 BRA.

## 1.0 INTRODUCTION

This report presents the results of a Biological Resources Assessment (BRA) conducted for The Farm at Alamo Creek Supplemental Area (Addendum Study Area). The approximately 1.7-acre Addendum Study Area is located east and north of the Farm at Alamo Creek Project Area, along a reach of Old Alamo Creek in Solano County, California. The site is located within a portion of Section 24, Township 6 North, Range 1 West (MDB&M) of the "Elmira, California" 7.5-minute quadrangle (USGS 2015) (**Figure 1**).

### 1.1 Project Description

The portion of Old Alamo Creek that runs through the Addendum Study Area is a constructed ditch that has silted in and no longer conveys flow as designed (see **Section 3.2.1** for more detail). As part of the Farm at Alamo Creek Project (Project), restoration is proposed along this reach to decrease flooding. This restoration will include dredging to provide positive flow, and removal of large areas of the invasive non-native Himalayan blackberry (*Rubus armeniacus*). Excavation depths throughout the creek channel will vary, but will not exceed 2.5 feet, and the adjacent native riparian trees will not be impacted. Where work will occur immediately adjacent to the trees along the north-south portion of Old Alamo Creek within the

Addendum Study Area, hand excavation may be necessary to ensure the integrity of the trees. Much of the Himalayan blackberry that is currently choking a large portion of the channel and adjacent banks will be removed during this restoration project.

## **2.0 METHODOLOGY**

### **2.1 Literature Review**

A list of special-status species with potential to occur within the Addendum Study Area was developed by comparing the habitats within the Addendum Study Area to the special-status species list prepared for the Farm at Alamo Creek Study Area in the original Biological Resources Assessment.

For the purposes of this document, special-status species is defined as those species that are:

- listed as threatened or endangered, or proposed or candidates for listing by the USFWS or National Marine Fisheries Service;
- listed as threatened or endangered and candidates for listing by CDFW;
- identified as Fully Protected species or species of special concern by CDFW;
- identified as Medium or High priority species by the WBWG (WBWG 2018); and
- plant species considered to be rare, threatened, or endangered in California by the CNPS and CDFW [California Rare Plant Rank (CRPR) 1, 2, and 3]:
  - CRPR 1A: Plants presumed extinct.
  - CRPR 1B: Plants rare, threatened, or endangered in California and elsewhere.
  - CRPR 2A: Plants extirpated in California, but common elsewhere.
  - CRPR 2B: Plants rare, threatened, or endangered in California, but more common elsewhere.
  - CRPR 3: Plants about which the CNPS needs more information – a review list.

### **2.2 Field Survey**

Madrone senior biologist Daria Snider conducted a field survey of the Addendum Study Area on 29 August 2018 to map the creek channel, assess the suitability of habitats on-site to support special-status species, and survey for elderberry (*Sambucus* species) shrubs. Ms. Snider conducted pedestrian surveys of the entire Addendum Study Area, with the exception of areas that were inaccessible due to the presence of impenetrable blackberry brambles. The inaccessible areas were visually inspected for elderberry shrubs from the edge of the bramble. A list of all wildlife species observed during the survey is included as **Attachment A**. Vegetation communities were classified in accordance with *The Manual of California Vegetation, Second Edition* (Sawyer, Keeler-Wolf and Evens 2009) to the extent possible, and plant taxonomy was based on the nomenclature in the *Jepson eFlora* (Jepson Flora Project 2018).

## **3.0 GENERAL SITE CONDITIONS AND HABITAT**

The Addendum Study Area is comprised of the Old Alamo Creek channel from the Farm at Alamo Creek project area to a pair of culverts on the adjacent property to the east, and adjacent ruderal and riparian

vegetation. The portion of the creek that runs from west to east does not have an adjacent riparian community, and supports scattered hydrophytic (water-loving) plants within the channel. Adjacent vegetation along this reach of the creek is primarily ruderal. The portion of the creek that runs from south to north and then heads southeast to the culverts is entirely unvegetated within the channel, and supports a red willow (*Salix laevigata*) riparian community with a dense understory of Himalayan blackberry. Ruderal vegetation borders both sides of the riparian community. The creek channel is intermittently accessible in the north/south reach, but is entirely overgrown with blackberry downstream (east) of that reach to the culvert.

Surrounding land to the north and west is agricultural fields, to the east is a rural residence, and to the south is Elmira Road. The Addendum Study Area is situated at an elevation of approximately 80 feet above mean sea level.

### **3.1 Terrestrial Vegetation Communities**

#### **3.1.1 Non-Native Annual Grassland**

A narrow strip of non-native annual grassland occurs between Elmira Road and Old Alamo Creek. This strip is regularly mowed, and as such, the dominant grasses were unidentifiable. However, it is assumed to be dominated by common annual grassland species in the area, such as soft brome (*Bromus hordeaceus*), riggut brome (*B. diandrus*), perennial ryegrass (*Festuca perennis*), and wild oats (*Avena fatua*). Forbs observed intermittently in this area include yellow star-thistle (*Centaurea solstitialis*), prickly wild lettuce (*Lactuca serriola*), and wild radish (*Raphanus sativus*).

#### **3.1.2 Red Willow Riparian Woodland**

A disturbed red willow riparian woodland occurs along both sides of Old Alamo Creek in the northern portion of the Addendum Study Area. The canopy of this community is dominated by red willow. Other trees that were observed in this community within the Addendum Study Area include Valley oak (*Quercus lobata*), black willow (*Salix gooddingii*), black walnut (*Juglans hindsii*), cultivated almond (*Prunus dulcis*), olive (*Olea europaea*), and mulberry (*Morus alba*). The understory of this community is a virtual monoculture of Himalayan blackberry; the only exception being a couple of Pampas grass (*Cortaderia jubata*) in the southern portion of the Addendum Study Area.

#### **3.1.3 Ruderal**

Ruderal vegetation occurs in small patches throughout the Addendum Study Area. This community is comprised largely of non-native forbs, but some grasses are also present. Plant species commonly observed in this community within the Addendum Study Area include wild radish, velvet leaf (*Abutilon theophrasti*), lambs quarters (*Chenopodium album*), bull mallow (*Malva nicaeensis*), prickly sow thistle, sorghum, wild oats, winter vetch (*Vicia villosa*), jungle rice (*Echinochloa colona*), henbit (*Lamium amplexicaule*), alkali mallow, sweet fennel (*Foeniculum vulgare*), and poison hemlock (*Conium maculatum*).



## 3.2 Aquatic Resources

The only aquatic resource found within the Addendum Study Area is Old Alamo Creek (Figure 2).

### 3.2.1 Old Alamo Creek

Old Alamo Creek is an intermittent drainage that runs from east to west through the Addendum Study Area. The portion of the creek that runs from west to east is bordered by herbaceous ruderal vegetation, and supports scattered hydrophytic (water-loving) plants within the channel. The portion of the creek that runs from south to north and then heads southeast to the culverts is entirely unvegetated within the channel, and is almost entirely obscured by Himalayan blackberry within the red willow riparian woodland.

The straight portions of the Old Alamo Creek channel are portions that were realigned in the 1970s or 1980s, presumably to accommodate expansion of the agricultural fields to the north of the creek. At around this time, a large portion of the water that historically flowed through Alamo Creek was rerouted to the south, decreasing the amount of flow in the Old Alamo Creek channel. In addition, the culverts upstream of this reach have not been maintained, and only appear to only convey water during high flows. As a result, this channel does not appear to convey water with its historic frequency, does not get regularly scoured out by high flows, and as a result, has slowly silted in and become overgrown. As the channel in most of the Addendum Study Area is constructed, it is a relatively consistent 10 feet wide throughout.

## 3.3 Soils

The Natural Resources Conservation Service has mapped two soil units within the Addendum Study Area (Figure 3); (Ca) Capay silty clay loam and (Yo) Yolo loam (NRCS 2018). Neither of these soils are considered more than very slightly alkaline in the surface layers, and neither of them have serpentine parent materials (NRCS 2018).

## 4.0 RESULTS

The following special-status species were determined to have potential to occur within the Addendum Study Area. They are discussed in greater detail below.

- western pond turtle (*Emys marmorata*), California species of special concern
- golden eagle (*Aquila chrysaetos*), California species of special concern and Fully Protected
- Swainson's hawk (*Buteo swainsoni*), California ESA threatened species
- northern harrier (*Circus cyaneus*), California species of special concern
- white-tailed kite (*Elanus leucurus*), California species of special concern and Fully Protected
- burrowing owl (*Athene cunicularia*), California species of special concern
- loggerhead shrike (*Lanius ludovicianus*), California species of special concern
- tricolored blackbird (*Agelaius tricolor*)
- ferruginous hawk (*Buteo regalis*), California species of special concern
- short-eared owl (*Asio otus*), California species of special concern

- mountain plover (*Charadrius montanus*), California species of special concern
- pallid bat (*Antrozous pallidus*), California species of special concern and WBWG High Priority species
- silver-haired bat (*Lasionycteris noctivagans*), WBWG Medium Priority species
- western red bat (*Lasiurus blossevillii*), California species of special concern and WBWG High Priority species
- hoary bat (*Lasiurus cinereus*), WBWG Medium Priority species

## **4.1 Reptiles**

### **4.1.1 Western Pond Turtle**

The western pond turtle (*Emys marmorata*) is not federally or state listed, but is a CDFW species of special concern. Its favored habitats include streams, large rivers and canals with slow-moving water, aquatic vegetation, and open basking sites (Jennings and Hayes 1994). Although the turtles must live near water, they can tolerate drought by burrowing into the muddy beds of dried drainages. This species feeds mainly on invertebrates such as insects and worms, but will also consume small fish, frogs, mammals and some plants. Western pond turtle predators include raccoons, coyotes, raptors, weasels, large fish, and bullfrogs. This species breeds from mid to late spring in adjacent open grasslands or sandy banks (Jennings and Hayes 1994).

Old Alamo Creek throughout the Addendum Study Area appears to be inundated for only a short time each year, and as such, represents marginally-suitable habitat for western pond turtle.

## **4.2 Birds**

### **4.2.1 Golden Eagle**

The golden eagle (*Aquila chrysaetos*) is not federally or state listed, but is a CDFW species of special concern and a fully protected species. It is a very large solitary raptor which forages in large, expansive open grasslands and savannahs, and nests on cliff ledges or in large, lone trees in rolling to mountainous terrain (Shuford and Gardali 2008). Though its natural densities are generally believed to be low, it once was relatively common to the open areas of California.

The western portion of the Addendum Study Area is suitable foraging habitat.

### **4.2.2 Swainson's Hawk**

Swainson's hawk (*Buteo swainsoni*) is a raptor species that is not federally listed, but is listed as threatened by CDFW. Breeding pairs typically nest in tall trees associated with riparian corridors, and forage in grassland, irrigated pasture, and cropland with a high density of rodents (Shuford and Gardali 2008). The

Central Valley populations breed and nest in the late spring through early summer before migrating to Central and South America for the winter (Shuford and Gardali 2008).

Trees throughout the Addendum Study Area provide suitable nesting habitat for Swainson's hawk, and the western portion represents suitable foraging habitat. Swainson's hawk have been observed foraging adjacent to the Addendum Study Area.

#### **4.2.3 Northern Harrier**

The northern harrier (*Circus cyaneus*) is not listed pursuant to either the California or federal Endangered Species Acts; however, it is considered to be a species of special concern by the CDFW. This species is known to nest within the Central Valley, along the Pacific Coast, and in northeastern California (Shuford and Gardali 2008). The northern harrier is a ground nesting species, and typically nests in emergent wetland/marsh, open grasslands, or savannah habitats. Foraging occurs within a variety of open habitats such as marshes, agricultural fields, and grasslands (Shuford and Gardali 2008).

The western portion of the Addendum Study Area is suitable nesting and foraging habitat for this species.

#### **4.2.4 White-Tailed Kite**

White-tailed kite (*Elanus leucurus*) is not federally or state listed, but is a CDFW fully protected species. This species is a yearlong resident in the Central Valley and is primarily found in or near foraging areas such as open grasslands, meadows, farmlands, savannahs, and emergent wetlands (Shuford and Gardali 2008). White-tailed kites typically nest from March through June in trees within riparian, oak woodland, and savannah habitats of the Central Valley and Coast Range (Shuford and Gardali 2008).

Trees within the Addendum Study Area are suitable nesting habitat for white-tailed kite, and the western portion provides suitable foraging habitat.

#### **4.2.5 Burrowing Owl**

Burrowing owl (*Athene cunicularia*) is not listed pursuant to either the California or federal Endangered Species Acts; however, it is designated as a species of special concern by the CDFW. They typically inhabit dry open rolling hills, grasslands, desert floors, and open bare ground with gullies and arroyos. This species typically uses burrows created by fossorial mammals, most notably the California ground squirrel, but may also use man-made structures such as culverts; cement, asphalt, or wood debris piles; or openings beneath cement or asphalt pavement (CDFG 1995). The breeding season extends from February 1 through August 31 (CBOC 1993, CDFG 1995).

Although no ground squirrel burrows were observed, debris scattered throughout the Addendum Study Area could provide artificial burrows. The adjacent open areas provide suitable foraging habitat.

#### **4.2.6 Loggerhead Shrike**

The loggerhead shrike (*Lanius ludovicianus*) is not listed and protected pursuant to either the California or federal Endangered Species Acts; but is a CDFW species of special concern. Loggerhead shrikes nest in small trees and shrubs in woodland and savannah vegetation communities, and forage in open habitats throughout California (Shuford and Gardali 2008). The nesting season ranges from March through June.

Trees and shrubs throughout the Addendum Study Area are suitable nesting habitat for loggerhead shrike, and the western portion provides suitable foraging habitat.

#### **4.2.7 Tricolored Blackbird**

Tricolored blackbirds (*Agelaius tricolor*) are not federally listed, but are candidates for listing as endangered under the California Endangered Species Act. In addition, tricolored blackbird is listed by CDFW as a species of special concern. They are colonial nesters preferring to nest in dense stands of cattails, bulrush, or blackberry thickets associated with perennial water (Shuford and Gardali 2008).

Blackberry brambles in the understory of the red willow riparian woodland represent marginally suitable nesting habitat for tricolored blackbirds. The adjacent agricultural fields and non-native annual grassland are suitable foraging habitat.

#### **4.2.8 Common Raptor Species**

Common raptors and their nests are protected by Section 3503.5 of the Fish and Game Code of California and by the Federal Migratory Bird Treaty Act. These raptor species include red-tailed hawk (*Buteo jamaicensis*), red-shouldered hawk (*B. lineatus*), American kestrel (*Falco sparverius*), and great horned owl (*Bubo virginianus*), among others. In general, raptor nesting occurs from late February/early March through late July/early August, depending upon the species and various environmental conditions. Potential nesting habitat for these species is present in the trees throughout the Addendum Study Area.

#### **4.2.9 Winter-Foraging Birds**

A number of special-status birds have the potential to utilize open areas in the western portion of the Addendum Study Area for winter foraging. These birds include ferruginous hawk (*Buteo regalis*), golden eagle (*Aquila chrysaetos*), short-eared owl (*Asio otus*), and mountain plover (*Charadrius montanus*).

### **4.3 Mammals**

#### **4.3.1 Pallid Bat**

Pallid bat (*Antrozous pallidus*) is not federally or state listed, but is considered a CDFW species of special concern, and is classified by the WBWG as a High priority species. It favors roosting sites in crevices in rock

outcrops, caves, abandoned mines, hollow trees, and human-made structures such as barns, attics, and sheds (WBWG 2018). Though pallid bats are gregarious, they tend to group in smaller colonies of 10 to 100 individuals. It is a nocturnal hunter and captures prey in flight, but unlike most American bats, the species has been observed foraging for flightless insects, which it seizes after landing (WBWG 2018).

Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees throughout the Addendum Study Area.

#### **4.3.2 Silver-Haired Bat**

Silver-haired bat (*Lasionycteris noctivagans*) is not federally or state listed, but is classified by the WBWG as a Medium priority species. Primarily considered a coastal and montane forest species, the silver-haired bat occurs in more xeric environments during winter and seasonal migrations (WBWG 2018). It roosts in abandoned woodpecker holes, under bark, and occasionally in rock crevices. This insectivore's favored foraging sites include open wooded areas near water features (WBWG 2018).

Suitable roosting habitat for this species is present in tree hollows and under exfoliating bark on trees throughout the Addendum Study Area.

#### **4.3.3 Western Red Bat**

Western red bat (*Lasiurus blossevillii*) is not federally or state listed, but is considered a CDFW species of special concern, and is classified by the WBWG as a High priority species. Western red bat is typically solitary, roosting primarily in the foliage of trees or shrubs (WBWG 2018). Day roosts are commonly in edge habitats adjacent to streams or open fields, in orchards, and sometimes in urban areas. There may be an association with intact riparian habitat (particularly willows, cottonwoods, and sycamores) (WBWG 2018).

Trees throughout the Addendum Study Area are suitable roosting habitat for western red bat.

#### **4.3.4 Hoary Bat**

The hoary bat (*Lasiurus cinereus*) is not federally or state listed, but is classified by the WBWG as a Medium priority species. It is considered to be one of the most widespread of all American bats with a range extending from Canada to central Chile and Argentina as well as Hawaii (WBWG 2018). Hoary bats prefer older large leaf trees, such as cottonwoods, willows, and fruit or nut trees for daytime roosts. This species is primarily crepuscular or nocturnal and requires open areas to hunt its main prey item, moths. The hoary bat is considered a forest/woodland species, and in California they are often associated with undisturbed riparian or stream corridors (WBWG 2018).

Trees throughout the Addendum Study Area are suitable roosting habitat for hoary bat.

## **5.0 IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES**

This section details potential impacts to the biological resources discussed above associated with implementation of the Proposed Project, as detailed in **Section 1.1**. Old Alamo Creek, the red willow riparian woodland, and some of the adjacent ruderal vegetation would be temporarily impacted during the restoration activities. No permanent impacts are anticipated. The impacts proposed within the Addendum Study Area are largely similar to those analyzed in *The Farm at Alamo Creek Draft Environmental Impact Report* (DEIR) in the off-site areas.

### **5.1 Aquatic Resources**

Approximately 0.245 acre of Old Alamo Creek occurs within the Addendum Study Area. All or a portion of this (as deemed necessary during implementation) will be dredged to provide positive flow throughout the reach.

### **5.2 Red Willow Riparian Woodland**

The Himalayan blackberry understory of the red willow riparian woodland will be removed, but all native trees will be preserved.

### **5.3 Western Pond Turtle**

This portion of Old Alamo Creek is marginally-suitable habitat for western pond turtle. If western pond turtles were present during restoration activities, individual turtles could be injured or killed. Furthermore, Himalayan blackberry removal could damage turtle nests, if they were present.

### **5.4 Winter Foraging Birds**

A number of special-status birds have the potential to forage in winter within the western portion of the Addendum Study Area. The restoration activities will occur in the late summer, when these birds are not using the area, and as the activities are temporary, no impacts to these species are anticipated.

### **5.5 Swainson's Hawk**

Open areas in the western portion of the Addendum Study Area provide suitable foraging habitat for Swainson's hawk, and trees represent potential nesting habitat. The Proposed Project will result in only temporary impacts to both the foraging and nesting habitat. If Swainson's hawks were utilizing one of the trees within the Addendum Study Area for nesting, the restoration activities could result in nest abandonment, and potentially the death of one or more juvenile Swainson's hawks. As the Addendum Study Area is relatively small, and the adjacent foraging habitat is expansive, no significant impacts to Swainson's hawk foraging are anticipated as a result of the restoration implementation activities.

## **5.6 Burrowing Owl**

Debris scattered throughout the Addendum Study Area and ground squirrel burrows, if present, could provide burrows for burrowing owl. If debris were removed or burrows collapsed during restoration activities, individual owls could be killed.

## **5.7 Other Nesting Raptors and Songbirds**

Trees throughout the Addendum Study Area represent potential nesting habitat for special-status and common raptors and songbirds. If active nests were present in the immediate vicinity of Project construction, they could be impacted.

## **5.8 Roosting Special-Status Bats**

Trees throughout the Addendum Study Area are habitat for various special-status bat species. As no trees are proposed for removal as part of this Project, no impacts to bats are anticipated.

## **6.0 MITIGATION FOR IMPACTS TO SENSITIVE BIOLOGICAL RESOURCES**

The following are recommended mitigation measures for impacts to sensitive biological resources associated with implementation of the Proposed Project (**Section 1.1**). As the impacts are similar to those previously identified in the off-site areas in the DEIR, we have recommended that the applicant mitigate for any impacts within the Addendum Study Area in accordance with the mitigation measures specified in the DEIR. Where mitigation measures were not previously specified in the DEIR, we have provided recommended text.

### **6.1 Aquatic Resources**

We recommend that the applicant implement DEIR Mitigation Measure **BIO-3** to ensure that the creek dredging activities are permitted by USACE, RWQCB, and/or CDFW, if necessary.

### **6.2 Red Willow Riparian Woodland**

We recommend that the applicant implement DEIR Mitigation Measure **BIO-2b** to minimize potential indirect impacts to trees within the red willow riparian woodland. In addition, we recommend that the applicant implement DEIR Mitigation Measure **BIO-3** to ensure that the blackberry removal is permitted by CDFW, if necessary.

### **6.3 Western Pond Turtle**

We recommend that the applicant mitigate for potential impacts to western pond turtle by implementing DEIR Mitigation Measure **BIO-1b**.

#### **6.4 Swainson's Hawk**

We recommend that the applicant mitigate for potential impacts to Swainson's hawk nests by implementing DEIR Mitigation Measure **BIO-1e**.

#### **6.5 Burrowing Owl**

We recommend that the applicant mitigate for potential impacts to burrowing owls by implementing DEIR Mitigation Measure **BIO-1c**.

#### **6.6 Other Nesting Birds**

A qualified biologist shall conduct a pre-construction bird survey for nesting within 14 days prior to commencement of construction activities if anticipated to commence during the nesting season (between March 1 and September 15). The qualified biologist shall document and submit the results of the pre-construction survey in a letter to CDFW and the City within 30 days following the survey. The letter shall include: a description of the methodology including dates of field visits, the names of survey personnel, a list of references cited and persons contacted, and a map showing the location(s) of any bird nests observed on the project site. If no active nests are identified during the pre-construction survey, then no further mitigation is required. Evidence, in the form of a letter report documenting the results of the survey, shall be submitted to the Community Development Department prior to the issuance of any grading or building permits within the project site.

If any active nests are identified during the preconstruction survey within the project site, a buffer zone will be established around the nests. A qualified biologist will monitor nests weekly during construction to evaluate potential nesting disturbance by construction activities. The biologist will delimit the buffer zone with construction tape or pin flags within 250 feet of the active nest and maintain the buffer zone until the end of the breeding season or until the young have fledged. Guidance from CDFW will be requested if establishing a 250-foot buffer zone is impractical. Guidance from CDFW will be requested if the nestlings within the active nest appear disturbed.

Non-native trees and/or shrubs anticipated for removal should be removed outside of the nesting season. The nesting season occurs between March 1 and September 15. If trees are anticipated to be removed during the nesting season, a pre-construction survey shall be conducted by a qualified biologist. If the survey shows that there is no evidence of active nests, then the tree shall be removed within ten days following the survey. If active nests are located within trees identified for removal, a 250-foot buffer shall be installed around the tree. Guidance from CDFW will be requested if the 250-foot buffer is infeasible.

#### **7.0 REFERENCES**

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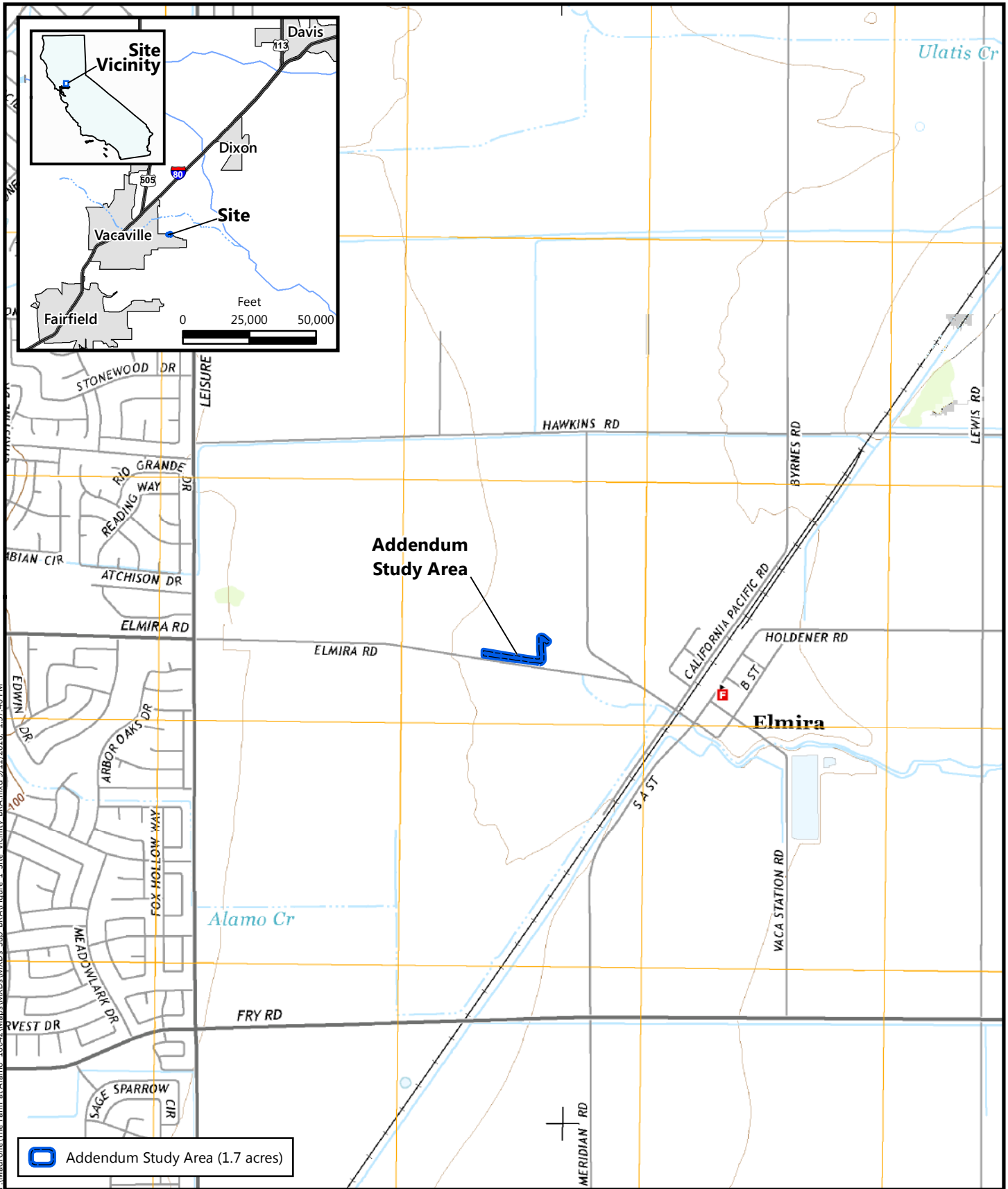
# Figures

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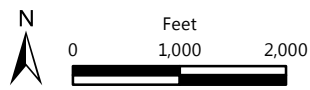
Figure 1. Site Vicinity Map

Figure 2. Aquatic Resources

Figure 3. NRCS Soils Map



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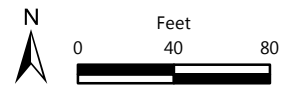
Source: United States Geologic Survey, 2015.  
 "Elmira, California" 7.5-Minute Topographic Quadrangle  
 Section 24, Township 6 North, Range 1 West, MDB&M  
 Longitude -121.918561, Latitude 38.35078

**Figure 1**  
**Site Vicinity**

*The Farm at Alamo Creek*  
 Solano County, California



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Aerial Source: USDA, National Agriculture Imagery Program, 18 October 2017.

**Figure 2**  
**Aquatic Resources**

The Farm At Alamo Creek  
Solano County, California





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Soil Survey Source: *USDA, Soil Conservation Service.*  
 Soil Survey Geographic (SSURGO) database for Sonoma County, California  
 Aerial Source: *USDA, National Agriculture Imagery Program, 18 October 2017.*

**Figure 3**  
**Natural Resources Conservation**  
**Service Soils**

*The Farm At Alamo Creek*  
*Solano County, California*



# Attachments

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Attachment A. Wildlife Species Observed within the Addendum Study Area

# Attachment A

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## **Wildlife Species Observed within the Addendum Study Area**

Wildlife Species Observed within  
The Farm at Alamo Creek Addendum Study Area  
29 August 2018

<b>Species Name</b>	<b>Common name</b>
<b>Birds</b>	
<i>Cathartes aura</i>	Turkey vulture
<i>Falco sparverius</i>	American kestrel
<i>Zenaida macroura</i>	Mourning dove
<i>Colaptes auratus</i>	Northern flicker
<i>Sayornis nigricans</i>	Black phoebe
<i>Aphelocoma californica</i>	Western scrub jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Mimus polyglottos</i>	Northern mockingbird
<i>Passerculus sandwichensis</i>	Savannah sparrow



