Nerio Farms Residential Community

Health Risk Assessment

Prepared For

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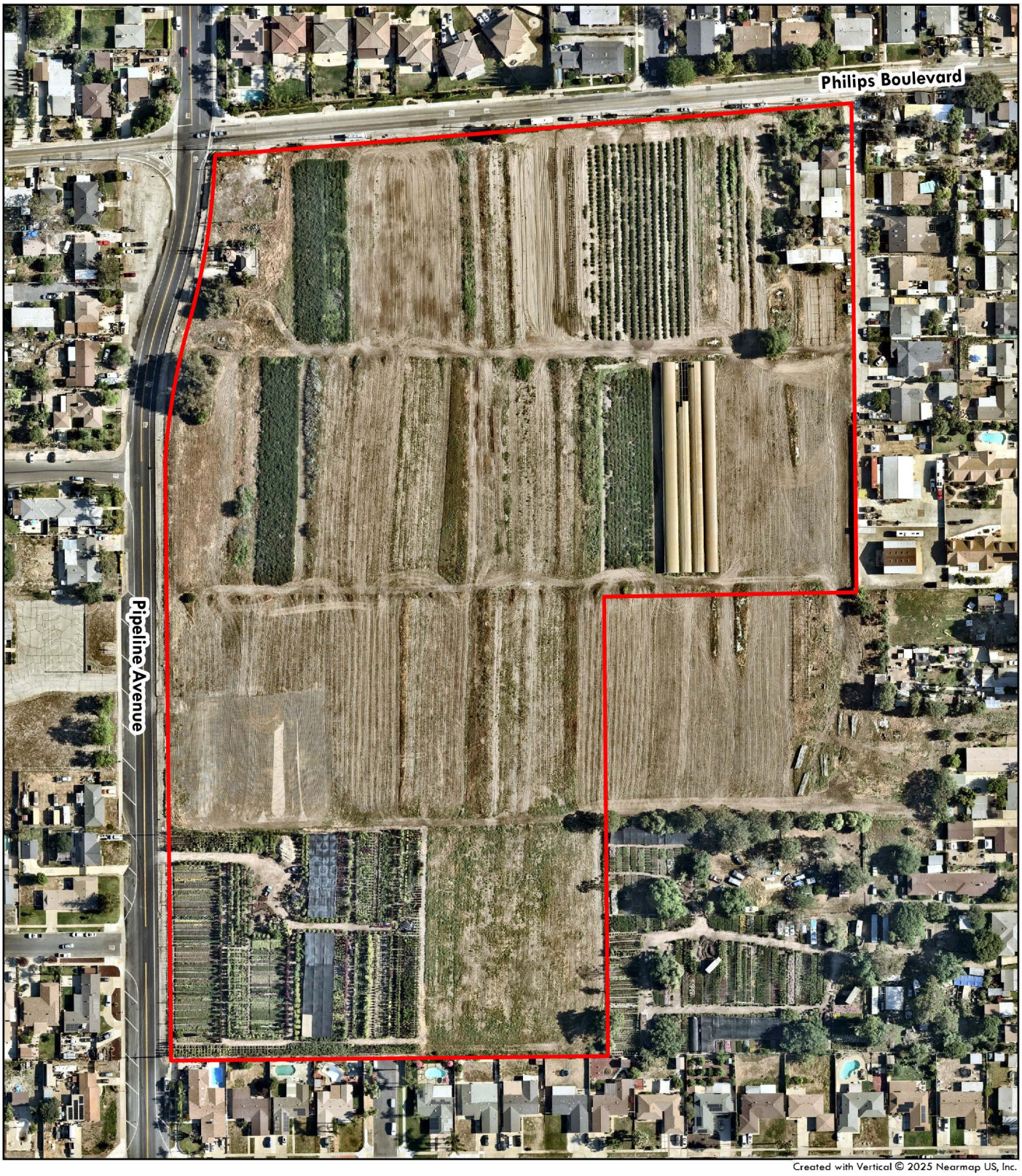
1 INTRODUCTION

This Health Risk Assessment (HRA) evaluates the potential impacts of the proposed Nerio Farms Residential Community Project ("Project", or "proposed Project"). The Project site is located at the southeast corner of Pipeline Avenue and Phillips Boulevard in the southwest portion of the County of San Bernardino. Specifically, the site is located within an unsectioned area of Township 1 South, Range 8 West in the Ontario Quadrangle. Regional access to the site is provided via State Route 60 (SR-60) and State Route 71 (SR-71). Local access to the site is provided via Pipeline Avenue and Phillips Boulevard. The proposed Project is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The Project site location is shown in Figure 1, *Project Aerial.*

The approximately 24.16-gross acre Project site consists of three parcels identified as Assessor's Parcel Numbers (APNs) 1013-161-01, 1013-111-01, and 1013-111-02. The Project site currently consists predominantly of disturbed agricultural land, with an active plant nursery located in the southwest corner and several structures located in the northwest and northeast corners of the site. The northwest corner is developed with a cellular communications tower, an emergency generator, and associated ancillary structures, while the northeast corner is developed with one single family residence and various ancillary structures such as garages and storage sheds. The Project Applicant proposes to demolish the existing structures in the northeast corner of the site and subdivide the approximately 24.16-gross acre site into 91 lots, including 90 for-sale conventional single-family residential lots and one lot for the existing cell tower on-site, which is to remain. Additionally, the proposed Project includes landscaping, parking, private roadways, open space amenities, and utility and 0.20 acres of off-site right-of-way (ROW) improvements along Phillips Boulevard, Essex Avenue, and Pipeline Avenue. The site plan is shown in Figure 2, *Conceptual Site Plan.*

The Project also includes an off-site sewer extension to facilitate sewer service to the Project site. The Project would construct an approximately 3,970-foot-long 8-inch public sewer line extension to connect to the City of Chino's existing sewer system. The proposed off-site sewer extension would connect to an existing sewer main located within Norton Avenue, approximately 0.5 mile south of the Project site. From that connection point, the alignment would extend north within Norton Avenue to Maple Street, continue west along Maple Street to College Avenue, and then extend north along College Avenue to the Project site (see Figure 3, *Proposed Off-Site Sewer Extension*).

Figure 1: Aerial View



Legend

Project Boundary

0 200 400 US Feet

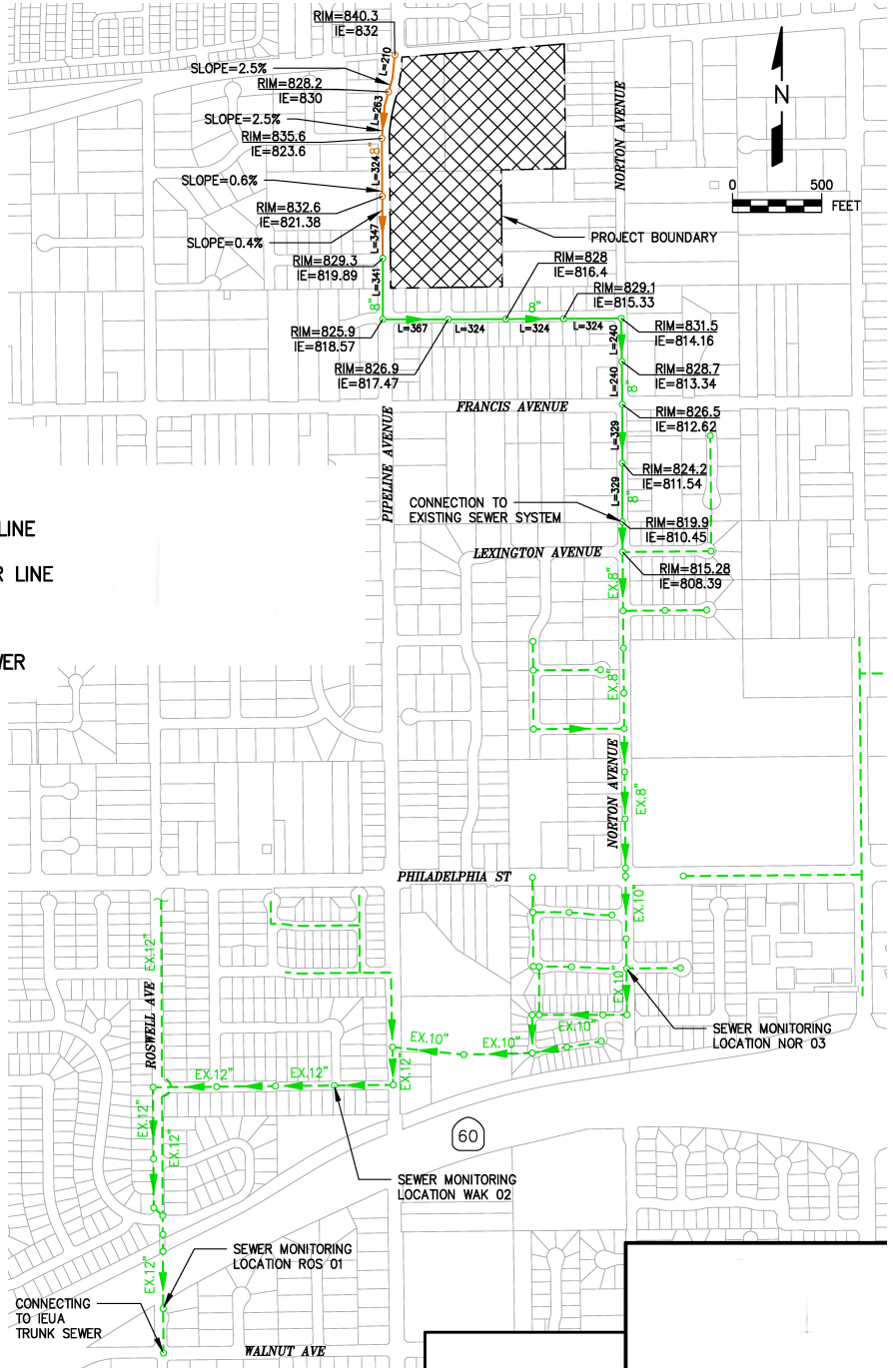
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Figure 2: Conceptual Site Plan



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Figure 3: Proposed Off-Site Sewer Extension



LEGEND

- PROJECT BOUNDARY
- EXISTING PUBLIC SEWER LINE
- PROPOSED PUBLIC SEWER LINE
- ADDITIONAL EXTENSION

NOTE: ALL SLOPES FOR PROPOSED GRAVITY SEWER PIPING ARE 0.38% UNLESS OTHERWISE NOTED.

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1.1 Access and Parking

Access to the Project site would be provided via two new driveways proposed along Pipeline Avenue. The Project also proposes a new driveway approach off Pipeline Avenue to provide access to the existing cell tower facility on-site which would remain in place as part of the Project. Internal circulation would be provided via new extensions of Boyer Street and Locust street on-site to connect to new Streets A, B, C, and D. All newly proposed streets would have a 60-foot-wide ROW, with 5-foot-wide sidewalks, 7 feet of landscape buffer, and 6-inch curb and gutter on either side of the 32-foot-wide streets.

1.2 Construction Characteristics

Construction of the Project would have a duration of approximately 11 months, as shown below in Table 1, *Construction Schedule*. Construction activity was assumed to occur eight hours per day, five days a week.

Table 1: Construction Schedule

Activity	Start Date	End Date	Total Working Days
Demolition	7/1/2027	7/14/2027	10
Site Preparation	7/14/2027	7/20/2027	5
Grading	7/20/2027	8/16/2027	20
Building Construction	8/17/2027	5/22/2028	200
Infrastructure Improvements (Trenching)	8/17/2027	9/13/2027	20
Paving	8/17/2027	9/13/2027	20
Architectural Coating	5/15/2028	6/9/2028	20

1.3 Operational Characteristics

The Project proposes to construct 90 for-sale conventional single-family residential lots and one lot for the existing cell tower on-site. Operational characteristics include trips from residents (passenger vehicles). The Project is expected to begin operation in 2028. Due to the lack of substantial heavy-duty truck trips, shown in the Project's *Vehicle Miles Traveled (VMT) Screening Analysis* (EPD Solutions, Inc., 2026), an operational HRA is not required.

1.4 Purpose of the Report

To support the California Environmental Quality Act (CEQA) document for the proposed Project, this report evaluates the potential health impacts to sensitive receptors from the construction of the Project. This HRA focuses on the emissions of diesel particulate matter (DPM) from the on-road vehicles and off-road equipment that would be utilized for the construction of the Project on a day-to-day basis. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70 percent of the airborne cancer risk in California (California Air Resources Board, 2017). The estimated health risk impacts from the Project construction were compared to the health risk significance thresholds recommended by the SCAQMD for use in CEQA assessments.

This HRA employed the following tools to estimate the health impacts of the Project:

- The California Air Pollution Control Officers Association (CAPCOA) California Emissions Estimator Model (CalEEMod, Version 2022.1) to calculate exhaust emissions from mobile sources such as diesel trucks and construction equipment such as crawler tractors and cranes during the construction of the Project.
- The United States Environmental Protection Agency (USEPA) AMS/EPA Regulatory Model (AERMOD Version 24142) air dispersion model to estimate DPM impacts to sensitive receptors.
- Cancer risk methodology from the California Office of Environmental Health Hazards Assessment (OEHHA). (California Office of Environmental Health Hazards Assessment, 2015) and the SCAQMD (South Coast Air Quality Management District, 2017).

1.5 Summary of the Results

The Project's estimated maximum construction DPM emissions would not exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor or the maximally impacted worker receptor. Additionally, the Project's non-cancer HI would not exceed the non-cancer health risk significance threshold of 1.0. The Project's maximum construction health risks are summarized below.

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 5.63 in one million
- Worker receptor: 0.07 in one million
- Sensitive receptor chronic non-cancer HI: 0.01
- Worker receptor chronic non-cancer HI: 0.01

Therefore, the construction of the proposed Project would result in less-than-significant construction health risk impacts, and no mitigation would be required.

2 HEALTH RISK ASSESSMENT

A Health Risk Assessment (HRA) is a guide that helps determine whether the risks from current or future exposures to a toxic chemical or substance in the environment could affect the health of a population. In general, the quantification of risk from the development of a project depends on the following factors:

- Identification of the toxic air contaminants (TACs) that may be present in the air;
- Estimation of the amount of TACs released from all emission sources using emission models;
- Estimation of the airborne concentrations of TACs in the geographic area of concern using air dispersion models with information about emissions, source locations, weather, and other factors;
- Estimation of the level of exposure to different concentrations of the TACs at different geographic locations and their consequential health impacts.

Thus, an HRA identifies the TACs that could affect public health, identifies the sources and quantities of the TAC emissions, estimates where the emissions are transported by prevailing meteorological conditions, and assesses the consequential health impacts due to the identified exposures.

The State of California Office of Environmental Health Hazards Assessment (OEHHA) has developed methods for conducting HRAs. As defined under the Air Toxics "Hot Spots" Information and Assessment Act:

> "*A health risk assessment means a detailed, comprehensive analysis prepared pursuant to Section 44361 to evaluate and predict the dispersion of hazardous substances in the environment and the potential for exposure of human populations and to assess and quantify both the individual and population-wide health risks associated with those levels of exposure.*" *(California Health and Safety Code, 1987)*

The methodology used to estimate health risks and hazards that could potentially affect nearby sensitive receptors from the emissions of TACs is described below. The methodology includes assumptions regarding emission source quantification, configurations and locations, receptor locations, air dispersion modeling, and health risk modeling. As noted above, this HRA focused on DPM emissions that the CARB has identified as the principal airborne carcinogenic substance in California. For purposes of this HRA, DPM was assumed to be comprised of PM_{10} vehicle exhaust emissions, which measures particulate matter with a diameter of 10 microns or less (California Air Resources Board, n.d.)

2.1 SCAQMD Significance Thresholds

Project-Level

San Bernardino County has not adopted a numerical significance threshold for cancer risk or non-cancer chronic health risk impacts. Therefore, the significance thresholds recommended by the SCAQMD were used for this assessment. The relevant significance thresholds are provided below:

- Cancer Risk: 10 persons per million population as the maximum acceptable incremental cancer risk due to exposure to TACs.
- Non-Cancer Hazard Index (HI): 1.0.

These thresholds are discussed further in Section 2.2, *Health Risk Estimation Methodology*.

Cumulative

The SCAQMD conducted an analysis of the cumulative effects of TACs within the South Coast Air Basin as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V, the draft version of this MATES study series*)* (South Coast Air Quality Management District, 2021a). The MATES-V study expresses cumulative TAC impacts in terms of potential increased cancer risks. Cumulative impact thresholds for this Project are derived from this study, since the Project site is within the MATES-V Study area. The MATES-V Study estimates that the cumulative TAC-source cancer risk for the localized area encompassing the Project site ranges from 300 to 400 in one million. DPM-source cancer risks are reflected in the area's ambient cumulative cancer risk along with all other TAC-source risks and account for the predominance (68 percent) of the total risk. A cancer risk upper limit of 400 in a million was assumed to comprise the impact from existing TAC emission sources in the region without the impacts from the Project.

The TAC emissions inventory used in the MATES-V study to estimate health impacts was representative of emissions for the year 2018. In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Project area not included in the MATES V study could contribute to cumulative TAC impacts. The SCAQMD has published a white paper addressing cumulative impacts from air pollution (South Coast Air Quality Management District, 2003). The white paper recommends a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts (South Coast Air Quality Management District, 2019). The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources, showing that emissions diminish substantially between 500 and 1,000 feet from emission sources. While the cumulative analysis incorporates future emissions within 1,000 feet of the source, the project-specific and cumulative significance thresholds of 10 in one million for cancer risk and 1 in one million for non-cancer risk remain the same.

2.2 Health Risk Estimation Methodology

Cancer Risk

Cancer risks are estimated as the upper-bound incremental probability that an individual would develop cancer due to exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a probability since there is no level below which some level of impact may occur. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake, or dose, at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). Cancer risk is expressed in terms of expected incremental incidence per million population. The SCAQMD has established an incidence rate of 10 persons per million as the maximum acceptable incremental cancer risk due to DPM exposure. This threshold serves to determine whether a given project has a potentially significant project-level and cumulative-level impact. The threshold of 10 in one million implies a likelihood that up to 10 persons out of one million, equally exposed, would develop cancer if exposed continuously to the levels of toxic air contaminants over a specified duration of time. This risk is an excess cancer risk in addition to any environmental cancer risk borne by a person not exposed to these air toxins.

The exposure dose is the amount of a chemical taken into the body at a given time. In particular, the exposure dose through inhalation ($Dose_{air}$) is a function of the breathing rate, the exposure frequency, and the concentration of exposures. Breathing rates change over time for different age groups and are determined for specific age groups. The $Dose_{air}$ is calculated for each of the following age groups: third trimester to birth, and 0 to 2, 2 to 16, and 16 to 30 years of age. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans (California Office of Environmental Health Hazards Assessment, 2015). The risks for each age group are summed together to provide a total estimate of lifetime cancer risks for sensitive receptors. To estimate the cancer risk, the $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

$$Dose_{air} = C_{DPM} \times DBR_i \times A \times CF_i \qquad \text{(EQ-1)}$$

Where:

$Dose_{air}$ = dose through inhalation (mg/kg/day)

C_{DPM} = period average concentration of DPM as estimated by the air dispersion model ($\mu g/m^3$)

DBR = daily breathing rate for each age group (liters/kg-day) (see Table 2)

A = Inhalation absorption factor (unitless = 1)

CF = construction-source emission frequency (days per year)

i – number of age groups

The dose is multiplied by the cancer potency factor, the age sensitivity factors (ASF), the exposure duration (ED), and the fraction of time spent at home (FAH, for sensitive/residential receptors only) divided by averaging time (AT) to arrive at an estimate of cancer risk:

$$\text{Cancer Risk} = \text{Dose}_{air,i} \times \text{CPF} \times \text{ASF}_i \times \text{ED}_i \times \text{FAH}_i/\text{AT} \quad \text{(EQ-2)}$$

Where:

Cancer Risk = Total individual excess inhalation cancer risk, defined as the cancer risk a hypothetical individual faces if exposed to carcinogenic emissions from a particular source for specified exposure durations; this risk is summed over all age groups; cancer risk is expressed in terms of risk per million exposed individuals.

$\text{Dose}_{air,i}$ = inhalation dose through inhalation (mg/kg-day)

CPF = inhalation cancer potency factor $(\text{mg/kg-day})^{-1}$

ASF_i = age sensitivity factors (see Table 2)

ED_i = exposure duration (years) (see Table 2)

AT = averaging time of lifetime cancer risk (70 years or 25550 days)

FAH_i = fraction of time spent at home (see Table 2)

n = number of age groups

The Project's construction duration is estimated to span 0.94 years. Thus, the construction health risk impact is only calculated across the 0.94 years of construction utilizing the maximum construction DPM emissions. This encompasses the third trimester pre-birth in 2027 (start of construction), to the year of construction completion, in 2028.

Table 2, *Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance*, provides the values for the various cancer risk parameters shown in equations EQ-1 and EQ-2 for the receptor groups examined in this assessment for both construction and operation of the Project. For DPM, the value of the CPF is 1.1 milligrams per kilogram per day.

Table 2: Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance

Age Group	Construction-Source Emission Frequency, CF		Exposure Duration (ED) (Years)	Age Sensitivity Factors (ASF)	Fraction Time at Home (FAH)	Daily Breathing Rate[1] (DBR) (l/kg-day)
	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)						
3rd Trimester to Birth	8	260	0.25	10	1	361
0 to 2 years	8	260	0.69	10	1	1,090
2 to 16 years	8	260		3	1	745
16 to 30 years	8	260		1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)						
3rd Trimester to Birth	8	260	0.25	10	1	361
0 to 2 years	8	260	0.69	10	1	1,090
2 to 9 years	8	260		3	1	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)						
17 years and older	8	260	0.94	1	0.73	335
Worker Receptor (25-years duration)						
17 years and older	8	260	0.94	1		230

Notes:
[1] Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors.
(L/kg-day) = liters per kilogram body weight per day
Source: (South Coast Air Quality Management District, 2017)

Chronic Non-Cancer Hazard

TACs can also cause chronic (long-term) effects on non-cancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Non-cancer health risks are conveyed in terms of the Hazard Index (HI), which is a ratio of the predicted concentration of the facility's reported TAC emissions to a concentration is considered acceptable to public health professionals. A significant risk is defined as an HI of 1.0 or greater. An HI of less than 1.0 indicates that no significant health risks are expected from the facility's TAC emissions. The following equation gives the relationship for the non-cancer hazards for TACs:

$$HI = C_{ann}/REL \quad \text{(EQ-3)}$$

Where:

HI = Hazard Index: an expression of the potential for chronic non-cancer health risks

C_{ann} = Annual average TAC concentration ($\mu g/m^3$)

REL = Reference Exposure Level: the DPM concentration at which no adverse health effects are anticipated

Annual concentrations of DPM, which are estimated by the air dispersion model, are used to estimate chronic non-cancer hazards. The OEHHA has defined an REL for DPM of 5 $\mu g/m^3$.

2.3 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using CalEEMod Version 2022.1. DPM construction emissions were based on the CalEEMod construction runs for the proposed construction schedule and equipment inventory, using exhaust PM10 construction emissions to represent DPM emissions. Construction-related DPM emissions are expected to primarily occur as a function of heavy-duty equipment that would operate on-site during the construction phase. Additional DPM emissions would occur from the operation of construction vehicles that travel to/from the Project during construction, including vendor trucks and haul trucks. This analysis conservatively assumes that all haul and vendor trucks would use diesel fuel. As shown in Attachment C and consistent with the AQ-Energy-GHG report, the applicable PM10 diesel adjustment factors were applied to haul trucks and vendor trucks to account for the diesel fraction of these vehicle types when estimating construction DPM emissions. The travel links utilized to estimate the construction DPM emissions can be found in Table 7, *Construction Emissions Source Configuration*, and Appendix C.

Construction Equipment Emission Inventory Development

The first requirement to conduct the HRA involves identifying and quantifying the sources of construction DPM air emissions from the Project, also termed an emissions inventory. Each piece of equipment that emits DPM is identified in terms of its location and physical characteristics (release height, release temperature, etc.) and the chemical nature of the emissions. The predominant sources of DPM emissions

resulting from the construction of the Project derive from the heavy-duty diesel trucks that travel to, from, and within the Project site each day, as well as the off-road construction equipment used during the six construction phases: demolition, site preparation, grading, building construction, paving, and architectural coating. The off-site sewer extension would occur concurrently with the grading phase. The Project's DPM exhaust emissions were calculated using the PM_{10} exhaust emissions calculated from CalEEMod. Table 3, *Project Construction Equipment Inventory*, shows the Project's proposed construction equipment. Table 4, *Project Construction Vehicle Use*, shows the proposed construction vehicle use for worker, hauling, and vendor trips. Table 5, *Project On-Site and Off-Site Construction Source DPM Daily Emissions*, depicts the maximum daily DPM emissions of the Project's construction. Figure 4, *Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources,* provides the locations of the on-site and off-site construction DPM emission sources, including the off-site sewer extension.

Table 3: Project Construction Equipment Inventory

Activity	Equipment	Number	Hours per day	Horse-power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	33	0.73
	Excavators	3	8	36	0.38
	Rubber Tired Dozers	2	8	367	0.4
Site Preparation	Rubber Tired Dozers	3	8	367	0.4
	Crawler Tractors	4	8	87	0.43
Grading	Excavators	2	8	36	0.38
	Graders	1	8	148	0.41
	Rubber Tired Dozers	1	8	367	0.4
	Scrapers	2	8	423	0.48
	Crawler Tractors	2	8	87	0.43
Building Construction	Cranes	1	8	367	0.29
	Forklifts	3	8	82	0.2
	Generator Sets	1	8	14	0.74
	Tractors/Loaders/Backhoes	3	8	84	0.37
	Welders	1	8	46	0.45
Infrastructure Improvements (Trenching)	Dumpers/Tenders	1	8	16	0.38
	Excavators	1	8	36	0.38
	Plate Compactors	1	8	8	0.43

Activity	Equipment	Number	Hours per day	Horse-power	Load Factor
	Skid Steer Loaders	1	8	71	0.37
	Tractors/Loaders/Backhoes	1	8	84	0.37
Paving	Pavers	2	8	81	0.42
	Paving Equipment	2	8	89	0.36
	Rollers	2	8	36	0.38
Architectural Coating	Air Compressors	1	8	37	0.48

Source: See CalEEMod Output in Appendix A.

Table 4: Project Construction Vehicle Use

Activity	Daily Worker Trips	Daily Vendor Trips	Daily Haul Trips
Demolition	15	0	90
Site Preparation	18	0	0
Grading	20	0	22
Building Construction	33	10	0
Infrastructure Improvements (Trenching)	13	0	0
Paving	15	0	0
Architectural Coating	7	0	0

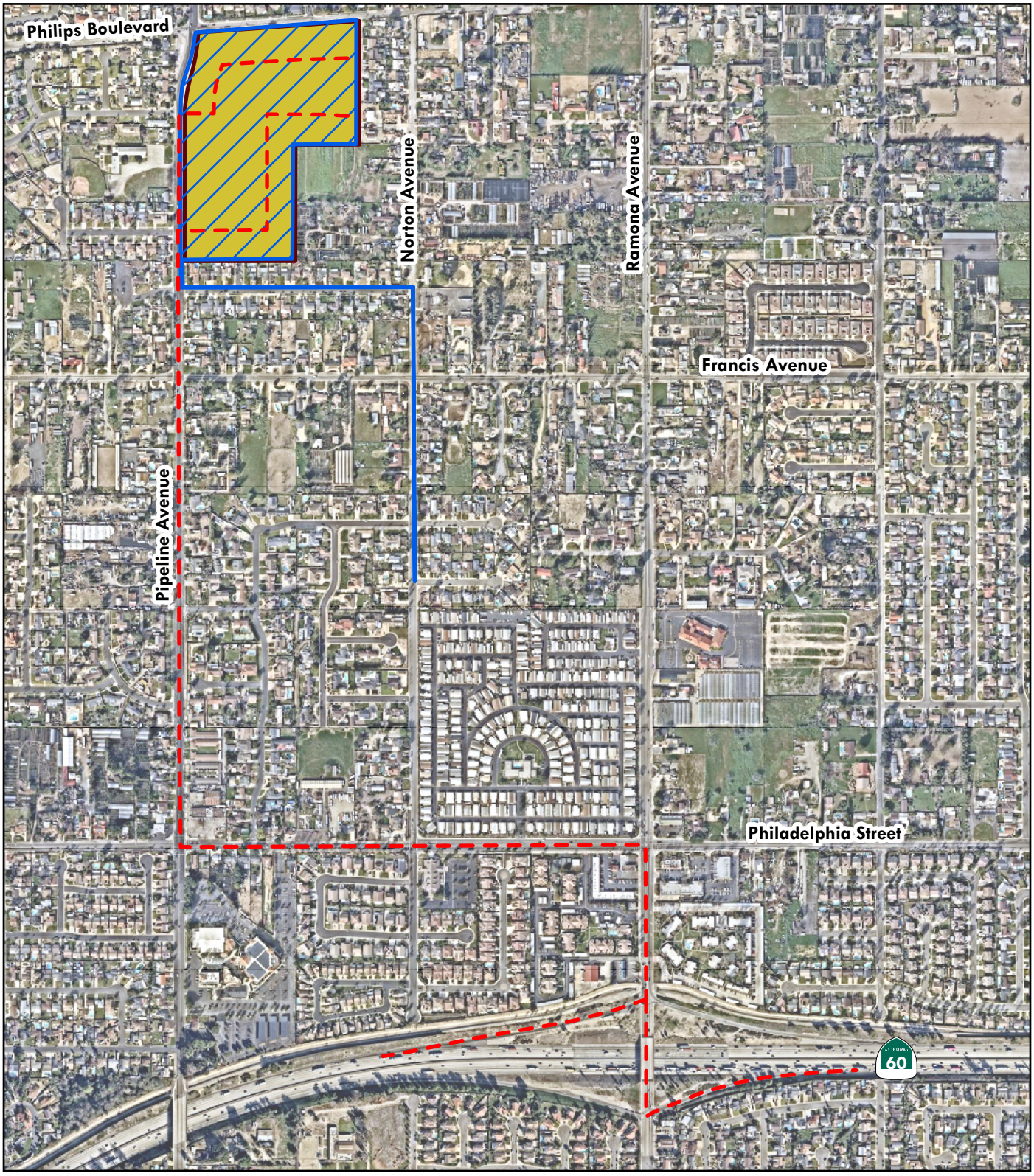
Source: See CalEEMod Output in Appendix A.

Table 5: Project On-Site and Off-Site Construction Source DPM Daily Emissions

Activity	Working Days	Maximum Daily DPM Emissions (pounds/day)	
		On-Site	Off-Site
2027			
Demolition	10	0.80	0.08
Site Preparation	5	1.62	<0.01
Grading	20	1.27	0.02
Building Construction	99	0.36	<0.01
Building Construction, Paving and Infrastructure Improvements (Trenching)	20	0.76	<0.01
Maximum Daily DPM Emissions 2027		**1.62**	**0.08**
2028			
Building Construction	101	0.33	<0.01
Building Construction and Architectural Coating	20	0.35	<0.01
Architectural Coating	20	0.02	<0.01
Maximum Daily DPM Emissions 2028		**0.35**	<0.01
2027-2028 Maximum Daily DPM Emissions (pounds/day)		**1.62**	**0.08**

Source: See Data Attachment in Appendix C.
Notes: Numbers may vary due to rounding
EMFAC Off-Model Adjustment Factors have been applied to the Off-Site DPM emissions.

Figure 4: Locations of Project's Construction On-Site & Off-Site DPMP Emission Sources



2.4 Atmospheric Dispersion Methodology

Atmospheric dispersion modeling is the mathematical simulation of how air pollutants disperse in the ambient atmosphere. The modeling is performed with computer programs that solve algorithms simulating the movement and dispersion of air pollutants. The air dispersion model uses emissions from various emission sources and meteorological data such as wind speed and direction, air temperature, and atmospheric mixing rates to estimate the air pollutant impacts at various geographic locations (referred to as receptor locations).

Table 6, *General Modeling Assumptions*, and Table 7, *Construction Emissions Source Configuration*, provide the general assumptions applied in the AERMOD model (Version 24142). The AERMOD output sheets can be found in Appendix B.

Table 6: General Modeling Assumptions

Feature	Assumption
Terrain Processing	Complex terrain. Elevations were obtained for the Project site using the USGS NED 1/3 terrain data (USA, 10m). Data set: USGS_NED_13_n35w118.tif.
Land Use	Rural based on land use patterns surrounding the Project site.
Meteorological Data	Chino Airport (KCNO) for the years 2017-2018 and 2021-2023.
Receptor Locations	A uniform receptor grid network was used to include all existing residences and worker locations surrounding the Project site, off-site extensions, and along central off-site truck routes. Discrete receptors were placed at nearby residences schools, and workplaces. No health care centers were observed in the immediate area. Discrete receptors placed at ground-level.

Source: See Data Attachment in Appendix B

Table 7: Construction Emissions Source Configuration

Emission Source Type	Geometric Configuration	Relevant Assumptions
Construction Sources	Polygon Area Source	• Size of the construction area source was the size of the Project area to be constructed (approximately 24.40 acres, inclusive of 0.24 acres of off-site improvements and off-site sewer improvements). • Construction equipment emission source release height – 5 meters (16.4 feet). • Emissions generated from the Project's CalEEMod model. See Appendix A attachments. • Construction operations: 5 days per week, 8 hours per day.

Construction Diesel Vehicle Traffic	Line Area Source	• Line source: height – 3.11 meters (10.2 feet) and plume height 5.29 meters (17.4 feet) (EPA Haul Roads Calculator);
		• Construction Travel Routes (Two-way):
		  ○ Route 1: Northeast Project site via Street A *to/from* Street C *to/from* Street B to north Pipeline Avenue access *to/from* to south Pipeline Avenue access (50%).
		  ○ Route 2: East Project site via Street E *to/from* Street D *to/from* Locust Street *to/from* south Pipeline Avenue access (50%).
		  ○ Route 3: South Pipeline Avenue access point *to/from* Philadelphia Street *to/from* Ramona Avenue *to/from* SR-60 junction (100%).
		  ○ Route 4: SR-60 junction *to/from* SR-60 westbound (50%).
		  ○ Route 5: SR-60 junction *to/from* SR-60 eastbound (50%).
		• All heavy-duty trucks (LHDT1&LHDT2, MHDT, and HHDT) assumed to be diesel-engines.
		• Construction operations: 5 days per week, 8 hours per day.

Source: See Data Attachment in Appendix B.

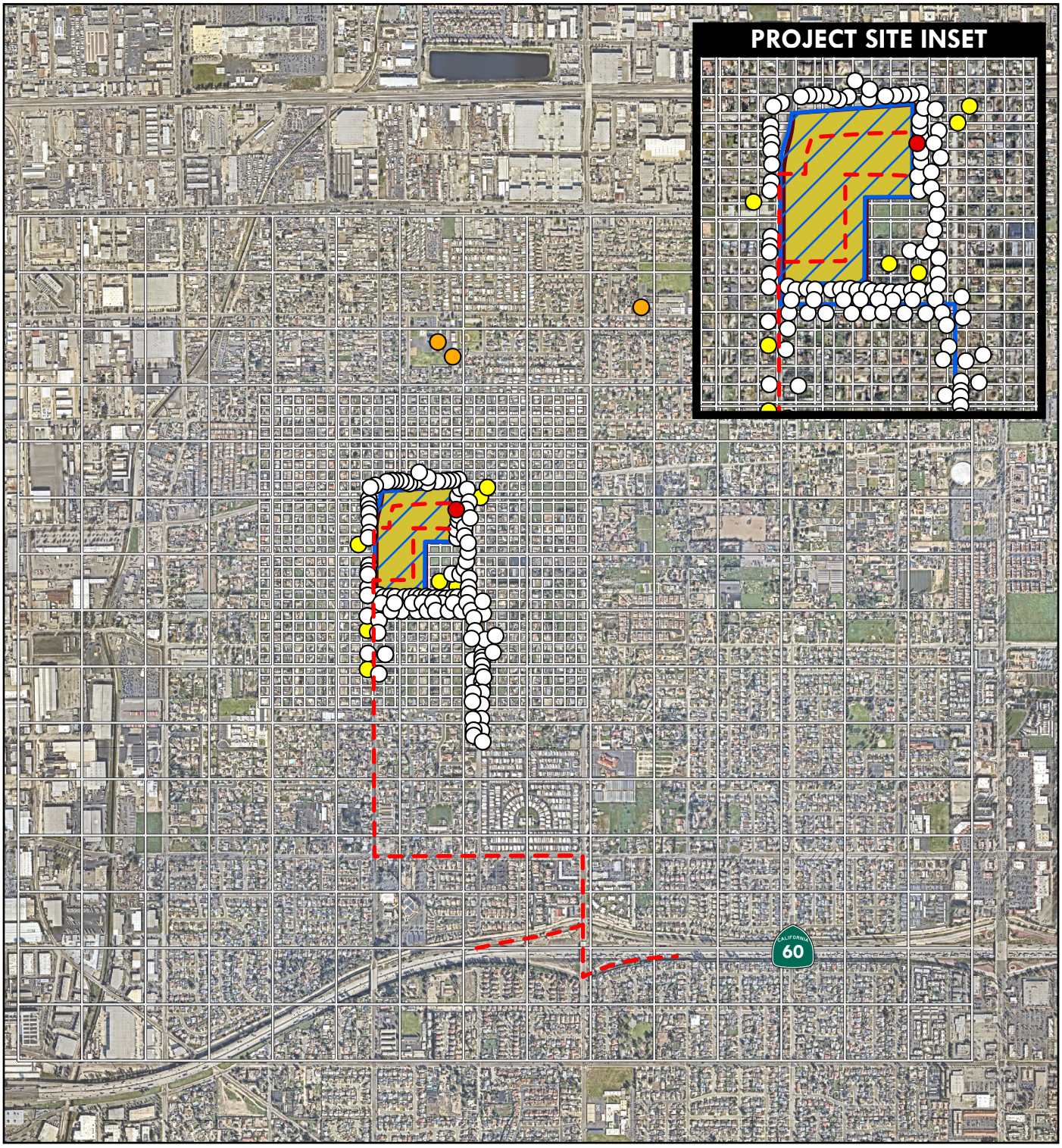
2.5 Receptors

The SCAQMD defines a sensitive receptor as any residence, including private homes, condominiums, apartments, and living quarters, schools, preschools, daycare centers, and health facilities such as hospitals or retirement and nursing homes. A sensitive receptor also includes long-term care hospitals, hospices, prisons, and dormitories, or similar live-in housing (South Coast Air Quality Management District, 2021b). For the purpose of this HRA, sensitive receptors were placed within the air dispersion model at the locations of the closest existing residences and other establishments or residences nearest to the Project site that qualify as sensitive receptors. Receptor points were placed on existing residences and schools along the Project's travel routes, as well as the closest worker receptors to the Project's boundary. In addition, a uniform grid network of receptors was placed over the Project vicinity to complete the receptor network. These receptors were used to evaluate the health risk during the Project's construction, including on-site source emissions and along the off-site Project routes. The closest receptors to the

Project site and the Project's on-site and off-site travel links approximate the maximum DPM emissions from the construction of the Project and thus yield the highest cancer risk values.

Sensitive receptors within the vicinity of the Project site include residences located to the north, east, south, and west. The nearest sensitive receptors to the Project site boundary are single-family residences located approximately 15 feet (4 meters) south of the Project site boundary and 16 feet (5 meters) east of the site boundary. There are also sensitive receptors within 25 feet (8 meters) from the Project's proposed off-site sewer extension route along Maple Street and Norton Avenue. However, the maximally impacted sensitive receptor identified during the modeling of the Project was found to be a single-family residence that is located at 11443 Essex Avenue, approximately 16 feet (5 meters) east of the Project site boundary. The nearest worker receptor is approximately 164 feet (50 meters) southeast of the Project site. Figure 5, *Locations of Air Dispersion Construction Model Receptors*, shows the receptor locations included for the construction health risk estimation.

Figure 5: Locations of Air Dispersion Construction Model Receptors



3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Table 8, *Project Construction Health Risk*, presents a summary of the cancer risks resulting from the Project's construction along with the SCAQMD health risk significance thresholds. As shown in Table 8, the estimated maximum resulting cancer risk is 5.63 in one million for the maximally impacted sensitive/residential receptor. The estimated maximum cancer risk for the maximally impacted worker receptor is 0.07 in one million. Thus, construction impacts related to cancer risk would be less-than-significant.

The Project's estimated results for non-cancer health risk for the maximally impacted sensitive receptors during construction is 0.01. The non-cancer health risk for the maximally impacted worker receptor during construction would be 0.01. Thus, the non-cancer health risk for sensitive receptors and worker receptors would be below the significance threshold of 1.0. Therefore, impacts related to non-cancer health risks would be less than significant.

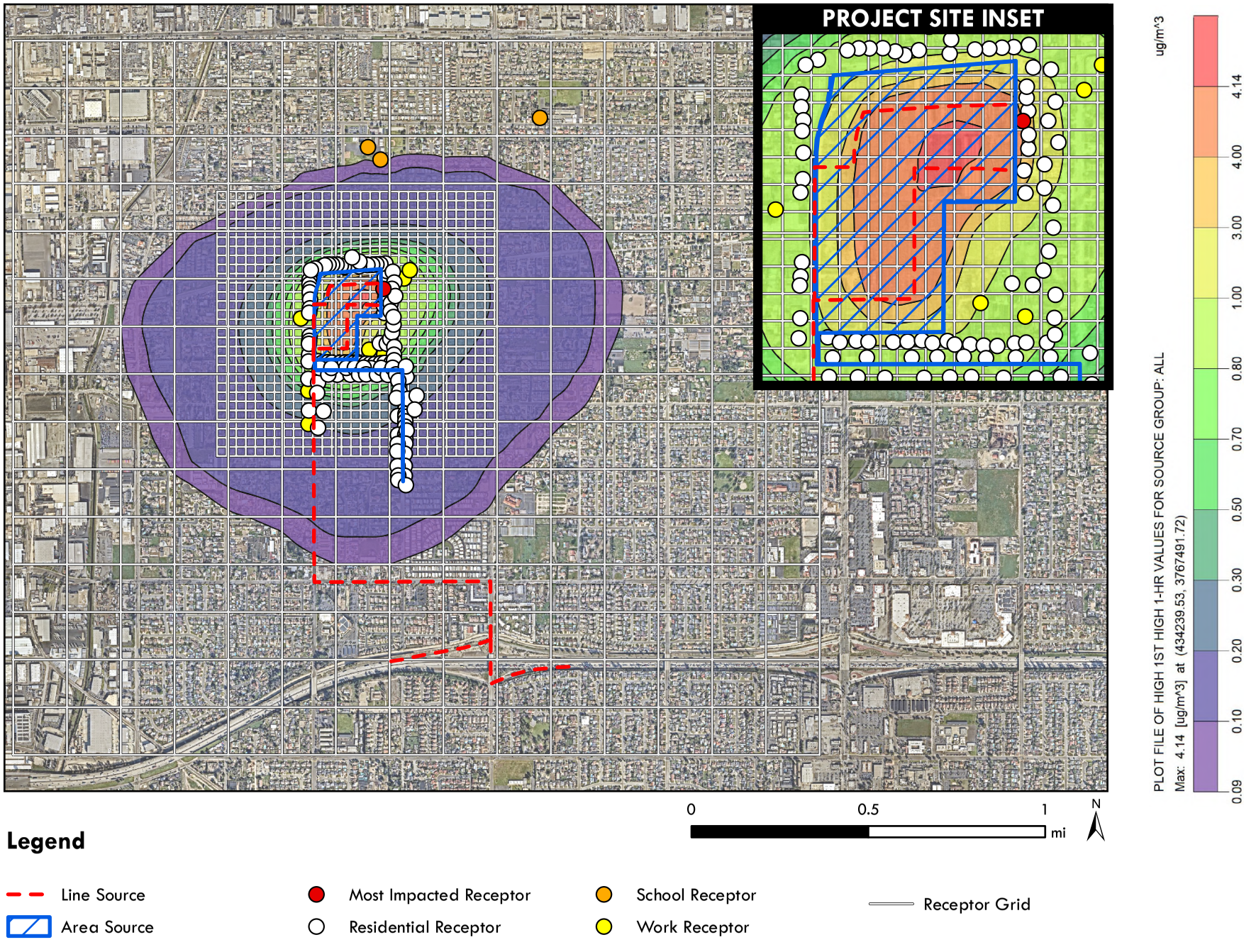
Figure 6, *Construction Model Output,* shows the concentration of DPM resulting from Project construction.

Table 8: Project Construction Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor Prebirth to 0.69 years	5.63	10	No
Maximum Impacted Sensitive Receptor Adult (0.94 years)	0.21	10	No
Maximum Impacted Worker Receptor (0.94 years)	0.07	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor	0.01	1.0	No
Maximum Impacted Worker Receptor	0.01	1.0	No

Source: See Data Attachment in Appendix D.

Figure 6: Construction Model Output



3.2 Cumulative Analysis

The SCAQMD has applied a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts. The search radius for this Project was extended to 0.25 miles (1,320 feet) to identify potential cumulative sources. The proposed Project is within an urban area with existing residential and commercial-source emissions, and no significant sources in development were identified in the 0.25 mile radius. As described in Section 2.1, *SCAQMD Significance Thresholds*, project-specific thresholds were established at levels intended to reduce cumulative health risk impacts. Therefore, project-specific thresholds are the same as cumulative thresholds. The Project's maximum cancer risk is less than the 10 in one million project-level SCAQMD threshold. In addition, the Project's maximum non-cancer risk is less than the 1 in one million threshold. Since the Project would not exceed the project-level thresholds, the Project would also have a less-than-significant cumulative impact to cancer and non-cancer risks.

4 CONCLUSION

The Project's estimated maximum construction DPM emissions would not exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor or the maximally impacted worker receptor. Additionally, the Project's non-cancer HI would not exceed the non-cancer health risk significance threshold of 1.0. The Project's maximum construction health risks are summarized below.

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 5.63 in one million
- Worker receptor: 0.07 in one million
- Sensitive receptor chronic non-cancer HI: 0.01
- Worker receptor chronic non-cancer HI: 0.01

Therefore, the construction of the proposed Project would result in less-than-significant health risk impacts, and no mitigation would be required.

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APPENDIX A – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION

25-093 Nerio Farms Chino Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	25-093 Nerio Farms Chino
Construction Start Date	7/1/2027
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60000
Precipitation (days)	18.8000
Location	34.044717260719196, -117.71414611062656
County	San Bernardino-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5213
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.43

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Single Family Housing	90.0000	Dwelling Unit	17.8300	714,334	421,800	—	335.000	—

City Park	0.45000	Acre	0.45000	0.00000	0.00000	0.00000	—	—
Other Asphalt Surfaces	5.29000	Acre	5.29000	0.00000	0.00000	—	—	—
Other Non-Asphalt Surfaces	0.59000	Acre	0.59000	0.00000	0.00000	—	—	—
Other Asphalt Surfaces	0.24000	Acre	0.24000	0.00000	0.00000	—	—	Offsite ROW Improvements

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-13	Use Low-VOC Paints for Construction

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	228.634	62.5148	62.1630	0.12526	2.90610	15.2421	6.56623	15,739.8
Mit.	49.7920	62.5148	62.1630	0.12526	2.90610	15.2421	6.56623	15,739.8
% Reduced	78%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	1.24252	10.6166	15.8392	0.02771	0.36893	0.87474	0.46177	3,345.29
Mit.	1.24252	10.6166	15.8392	0.02771	0.36893	0.87474	0.46177	3,345.29
% Reduced	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	12.7967	6.24935	7.89211	0.01529	0.23738	0.84117	0.39049	1,860.70

Mit.	2.99712	6.24935	7.89211	0.01529	0.23738	0.84117	0.39049	1,860.70
% Reduced	77%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	2.33540	1.14051	1.44031	0.00279	0.04332	0.15351	0.07126	308.060
Mit.	0.54697	1.14051	1.44031	0.00279	0.04332	0.15351	0.07126	308.060
% Reduced	77%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	75.0000	100.0000	550.000	150.000	150.000	150.000	55.0000	—
Unmit.	Yes	No	No	No	No	No	No	—
Mit.	No	No	No	No	No	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	75.0000	100.0000	550.000	150.000	150.000	150.000	55.0000	—
Unmit.	No	No	No	No	No	No	No	—
Mit.	No	No	No	No	No	No	No	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2027	7.06532	62.5148	62.1630	0.12526	2.90610	15.2421	6.56623	15,739.8
2028	228.634	11.1610	18.0993	0.03001	0.35041	0.94093	0.46243	3,634.39
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	1.24252	10.6166	15.8392	0.02771	0.36893	0.87474	0.46177	3,345.29
2028	1.19724	10.0752	15.7096	0.02771	0.32994	0.83575	0.42374	3,331.51

Average Daily	—	—	—	—	—	—	—	—
2027	0.73687	6.24935	7.89211	0.01529	0.23738	0.84117	0.39049	1,860.70
2028	12.7967	2.88356	4.52083	0.00788	0.09345	0.23792	0.12027	948.256
Annual	—	—	—	—	—	—	—	—
2027	0.13448	1.14051	1.44031	0.00279	0.04332	0.15351	0.07126	308.060
2028	2.33540	0.52625	0.82505	0.00144	0.01706	0.04342	0.02195	156.995

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2027	6.88829	60.7113	58.7009	0.11307	2.88701	13.0693	6.32236	12,290.3
2028	228.475	10.7378	15.5268	0.02785	0.34609	0.34609	0.31840	2,817.80
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	1.11196	10.1725	14.0369	0.02554	0.36460	0.36460	0.33543	2,638.73
2028	1.07097	9.66028	14.0357	0.02555	0.32561	0.32561	0.29956	2,639.17
Average Daily	—	—	—	—	—	—	—	—
2027	0.68529	5.81668	7.05561	0.01302	0.23300	0.59368	0.32557	1,372.52
2028	12.7602	2.76241	4.00951	0.00728	0.09224	0.09224	0.08486	748.343
Annual	—	—	—	—	—	—	—	—
2027	0.12507	1.06154	1.28765	0.00238	0.04252	0.10835	0.05942	227.236
2028	2.32873	0.50414	0.73174	0.00133	0.01683	0.01683	0.01549	123.897

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—

2027	0.25293	7.06606	6.12105	0.04167	0.07937	2.17277	0.63577	6,749.39
2028	0.15941	0.42316	2.57250	0.00216	0.00433	0.59484	0.14403	816.583
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	0.13056	0.44403	1.80235	0.00216	0.00433	0.51014	0.12634	706.560
2028	0.12627	0.41492	1.67381	0.00216	0.00433	0.51014	0.12417	692.338
Average Daily	—	—	—	—	—	—	—	—
2027	0.05158	0.43268	0.83650	0.00227	0.00438	0.24749	0.06491	488.176
2028	0.03651	0.12115	0.51132	0.00061	0.00121	0.14568	0.03541	199.913
Annual	—	—	—	—	—	—	—	—
2027	0.00941	0.07896	0.15266	0.00041	0.00080	0.04517	0.01185	80.8231
2028	0.00666	0.02211	0.09332	0.00011	0.00022	0.02659	0.00646	33.0979

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2027	7.06532	62.5148	62.1630	0.12526	2.90610	15.2421	6.56623	15,739.8
2028	49.7920	11.1610	18.0993	0.03001	0.35041	0.94093	0.46243	3,634.39
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	1.24252	10.6166	15.8392	0.02771	0.36893	0.87474	0.46177	3,345.29
2028	1.19724	10.0752	15.7096	0.02771	0.32994	0.83575	0.42374	3,331.51
Average Daily	—	—	—	—	—	—	—	—
2027	0.73687	6.24935	7.89211	0.01529	0.23738	0.84117	0.39049	1,860.70
2028	2.99712	2.88356	4.52083	0.00788	0.09345	0.23792	0.12027	948.256
Annual	—	—	—	—	—	—	—	—
2027	0.13448	1.14051	1.44031	0.00279	0.04332	0.15351	0.07126	308.060
2028	0.54697	0.52625	0.82505	0.00144	0.01706	0.04342	0.02195	156.995

2.2.5. Onsite Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2027	6.88829	60.7113	58.7009	0.11307	2.88701	13.0693	6.32236	12,290.3
2028	49.6325	10.7378	15.5268	0.02785	0.34609	0.34609	0.31840	2,817.80
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	1.11196	10.1725	14.0369	0.02554	0.36460	0.36460	0.33543	2,638.73
2028	1.07097	9.66028	14.0357	0.02555	0.32561	0.32561	0.29956	2,639.17
Average Daily	—	—	—	—	—	—	—	—
2027	0.68529	5.81668	7.05561	0.01302	0.23300	0.59368	0.32557	1,372.52
2028	2.96061	2.76241	4.00951	0.00728	0.09224	0.09224	0.08486	748.343
Annual	—	—	—	—	—	—	—	—
2027	0.12507	1.06154	1.28765	0.00238	0.04252	0.10835	0.05942	227.236
2028	0.54031	0.50414	0.73174	0.00133	0.01683	0.01683	0.01549	123.897

2.2.6. Offsite Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2027	0.25293	7.06606	6.12105	0.04167	0.07937	2.17277	0.63577	6,749.39
2028	0.15941	0.42316	2.57250	0.00216	0.00433	0.59484	0.14403	816.583
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	0.13056	0.44403	1.80235	0.00216	0.00433	0.51014	0.12634	706.560
2028	0.12627	0.41492	1.67381	0.00216	0.00433	0.51014	0.12417	692.338
Average Daily	—	—	—	—	—	—	—	—

2027	0.05158	0.43268	0.83650	0.00227	0.00438	0.24749	0.06491	488.176
2028	0.03651	0.12115	0.51132	0.00061	0.00121	0.14568	0.03541	199.913
Annual	—	—	—	—	—	—	—	—
2027	0.00941	0.07896	0.15266	0.00041	0.00080	0.04517	0.01185	80.8231
2028	0.00666	0.02211	0.09332	0.00011	0.00022	0.02659	0.00646	33.0979

2.3. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	19.9097	4.57219	28.5944	0.07211	0.21781	5.44423	1.54208	9,800.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	19.2825	4.69199	19.9967	0.06826	0.21545	5.44187	1.54031	9,405.68
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	19.4534	3.34313	23.3564	0.05948	0.10421	5.20935	1.39814	7,647.63
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	3.55024	0.61012	4.26254	0.01085	0.01902	0.95071	0.25516	1,266.15
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	55.0000	55.0000	550.000	150.000	148.000	150.000	55.0000	—
Unmit.	No	No	No	No	No	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	55.0000	55.0000	550.000	150.000	148.000	150.000	55.0000	—
Unmit.	No	No	No	No	No	No	No	—
Exceeds (Annual)	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	3,000.00

Unmit.	—	—	—	—	—	—	—	No

2.4. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Mobile	2.78271	2.31988	22.5415	0.05782	0.03723	5.26365	1.36209	6,044.50
Area	17.0853	1.54129	5.75027	0.00975	0.12310	0.12310	0.12251	1,910.68
Energy	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	1,558.38
Water	—	—	—	—	—	—	—	97.1105
Waste	—	—	—	—	—	—	—	184.500
Refrig.	—	—	—	—	—	—	—	5.11606
Total	19.9097	4.57219	28.5944	0.07211	0.21781	5.44423	1.54208	9,800.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	2.60052	2.48803	19.0589	0.05419	0.03726	5.26368	1.36212	5,663.59
Area	16.6403	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Energy	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	1,558.38
Water	—	—	—	—	—	—	—	97.1105
Waste	—	—	—	—	—	—	—	184.500
Refrig.	—	—	—	—	—	—	—	5.11606
Total	19.2825	4.69199	19.9967	0.06826	0.21545	5.44187	1.54031	9,405.68
Average Daily	—	—	—	—	—	—	—	—
Mobile	2.54800	2.49674	19.5069	0.05413	0.03682	5.14196	1.33115	5,663.20
Area	16.8638	0.13537	3.54692	0.00080	0.00991	0.00991	0.00950	139.314
Energy	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	1,558.38
Water	—	—	—	—	—	—	—	97.1105
Waste	—	—	—	—	—	—	—	184.500

Refrig.	—	—	—	—	—	—	—	5.11606
Total	19.4534	3.34313	23.3564	0.05948	0.10421	5.20935	1.39814	7,647.63
Annual	—	—	—	—	—	—	—	—
Mobile	0.46501	0.45566	3.56001	0.00988	0.00672	0.93841	0.24294	937.608
Area	3.07764	0.02471	0.64731	0.00015	0.00181	0.00181	0.00173	23.0650
Energy	0.00759	0.12976	0.05522	0.00083	0.01049	0.01049	0.01049	258.008
Water	—	—	—	—	—	—	—	16.0778
Waste	—	—	—	—	—	—	—	30.5461
Refrig.	—	—	—	—	—	—	—	0.84702
Total	3.55024	0.61012	4.26254	0.01085	0.01902	0.95071	0.25516	1,266.15

2.5. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Mobile	2.78271	2.31988	22.5415	0.05782	0.03723	5.26365	1.36209	6,044.50
Area	17.0853	1.54129	5.75027	0.00975	0.12310	0.12310	0.12251	1,910.68
Energy	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	1,558.38
Water	—	—	—	—	—	—	—	97.1105
Waste	—	—	—	—	—	—	—	184.500
Refrig.	—	—	—	—	—	—	—	5.11606
Total	19.9097	4.57219	28.5944	0.07211	0.21781	5.44423	1.54208	9,800.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	2.60052	2.48803	19.0589	0.05419	0.03726	5.26368	1.36212	5,663.59
Area	16.6403	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Energy	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	1,558.38
Water	—	—	—	—	—	—	—	97.1105

Waste	—	—	—	—	—	—	—	184.500
Refrig.	—	—	—	—	—	—	—	5.11606
Total	19.2825	4.69199	19.9967	0.06826	0.21545	5.44187	1.54031	9,405.68
Average Daily	—	—	—	—	—	—	—	—
Mobile	2.54800	2.49674	19.5069	0.05413	0.03682	5.14196	1.33115	5,663.20
Area	16.8638	0.13537	3.54692	0.00080	0.00991	0.00991	0.00950	139.314
Energy	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	1,558.38
Water	—	—	—	—	—	—	—	97.1105
Waste	—	—	—	—	—	—	—	184.500
Refrig.	—	—	—	—	—	—	—	5.11606
Total	19.4534	3.34313	23.3564	0.05948	0.10421	5.20935	1.39814	7,647.63
Annual	—	—	—	—	—	—	—	—
Mobile	0.46501	0.45566	3.56001	0.00988	0.00672	0.93841	0.24294	937.608
Area	3.07764	0.02471	0.64731	0.00015	0.00181	0.00181	0.00173	23.0650
Energy	0.00759	0.12976	0.05522	0.00083	0.01049	0.01049	0.01049	258.008
Water	—	—	—	—	—	—	—	16.0778
Waste	—	—	—	—	—	—	—	30.5461
Refrig.	—	—	—	—	—	—	—	0.84702
Total	3.55024	0.61012	4.26254	0.01085	0.01902	0.95071	0.25516	1,266.15

3. Construction Emissions Details

3.1. Demolition (2027)

3.1.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Off-Road Equipment	2.21478	19.9005	18.6307	0.03253	0.79594	0.79594	0.73226	3,438.66
Demolition	—	—	—	—	—	4.99121	0.75581	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06068	0.54522	0.51043	0.00089	0.02181	0.02181	0.02006	94.2098
Demolition	—	—	—	—	—	0.13675	0.02071	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01107	0.09950	0.09315	0.00016	0.00398	0.00398	0.00366	15.5975
Demolition	—	—	—	—	—	0.02496	0.00378	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.06184	0.05241	1.00547	0.00000	0.00000	0.19606	0.04596	205.696
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.09326	6.95250	3.94253	0.04167	0.07937	1.74797	0.53620	6,303.71
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00159	0.00179	0.02175	0.00000	0.00000	0.00531	0.00124	5.23753
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00250	0.19983	0.10829	0.00114	0.00217	0.04747	0.01459	172.554
Annual	—	—	—	—	—	—	—	—

Worker	0.00029	0.00033	0.00397	0.00000	0.00000	0.00097	0.00023	0.86713
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00046	0.03647	0.01976	0.00021	0.00040	0.00866	0.00266	28.5683

3.1.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21478	19.9005	18.6307	0.03253	0.79594	0.79594	0.73226	3,438.66
Demolition	—	—	—	—	—	4.99121	0.75581	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06068	0.54522	0.51043	0.00089	0.02181	0.02181	0.02006	94.2098
Demolition	—	—	—	—	—	0.13675	0.02071	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01107	0.09950	0.09315	0.00016	0.00398	0.00398	0.00366	15.5975
Demolition	—	—	—	—	—	0.02496	0.00378	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Worker	0.06184	0.05241	1.00547	0.00000	0.00000	0.19606	0.04596	205.696
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.09326	6.95250	3.94253	0.04167	0.07937	1.74797	0.53620	6,303.71
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00159	0.00179	0.02175	0.00000	0.00000	0.00531	0.00124	5.23753
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00250	0.19983	0.10829	0.00114	0.00217	0.04747	0.01459	172.554
Annual	—	—	—	—	—	—	—	—
Worker	0.00029	0.00033	0.00397	0.00000	0.00000	0.00097	0.00023	0.86713
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00046	0.03647	0.01976	0.00021	0.00040	0.00866	0.00266	28.5683

3.2. Site Preparation (2027)

3.2.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.64578	32.7450	30.3726	0.05106	1.61987	1.61987	1.49028	5,551.71
Dust From Material Movement	—	—	—	—	—	5.66228	2.68618	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04994	0.44856	0.41606	0.00070	0.02219	0.02219	0.02041	76.0508

Dust From Material Movement	—	—	—	—	—	0.07757	0.03680	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00911	0.08186	0.07593	0.00013	0.00405	0.00405	0.00373	12.5911
Dust From Material Movement	—	—	—	—	—	0.01416	0.00672	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.07215	0.06115	1.17305	0.00000	0.00000	0.22874	0.05362	239.979
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00093	0.00104	0.01269	0.00000	0.00000	0.00310	0.00073	3.05523
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00017	0.00019	0.00232	0.00000	0.00000	0.00056	0.00013	0.50583
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.64578	32.7450	30.3726	0.05106	1.61987	1.61987	1.49028	5,551.71
Dust From Material Movement	—	—	—	—	—	5.66228	2.68618	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04994	0.44856	0.41606	0.00070	0.02219	0.02219	0.02041	76.0508
Dust From Material Movement	—	—	—	—	—	0.07757	0.03680	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00911	0.08186	0.07593	0.00013	0.00405	0.00405	0.00373	12.5911
Dust From Material Movement	—	—	—	—	—	0.01416	0.00672	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.07215	0.06115	1.17305	0.00000	0.00000	0.22874	0.05362	239.979
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00093	0.00104	0.01269	0.00000	0.00000	0.00310	0.00073	3.05523
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00017	0.00019	0.00232	0.00000	0.00000	0.00056	0.00013	0.50583
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3. Grading (2027)

3.3.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.24250	27.9664	28.3283	0.06201	1.26714	1.26714	1.16577	6,738.58
Dust From Material Movement	—	—	—	—	—	2.67116	0.98013	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17767	1.53240	1.55223	0.00340	0.06943	0.06943	0.06388	369.237
Dust From Material Movement	—	—	—	—	—	0.14636	0.05371	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03243	0.27966	0.28328	0.00062	0.01267	0.01267	0.01166	61.1314
Dust From Material Movement	—	—	—	—	—	0.02671	0.00980	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.08245	0.06989	1.34063	0.00000	0.00000	0.26142	0.06128	274.262
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.02243	1.67246	0.94840	0.01002	0.01909	0.42048	0.12899	1,516.39
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00425	0.00477	0.05800	0.00000	0.00000	0.01415	0.00331	13.9668
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00120	0.09614	0.05210	0.00055	0.00105	0.02284	0.00702	83.0176
Annual	—	—	—	—	—	—	—	—
Worker	0.00078	0.00087	0.01058	0.00000	0.00000	0.00258	0.00060	2.31236
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00022	0.01755	0.00951	0.00010	0.00019	0.00417	0.00128	13.7445

3.3.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Off-Road Equipment	3.24250	27.9664	28.3283	0.06201	1.26714	1.26714	1.16577	6,738.58
Dust From Material Movement	—	—	—	—	—	2.67116	0.98013	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17767	1.53240	1.55223	0.00340	0.06943	0.06943	0.06388	369.237
Dust From Material Movement	—	—	—	—	—	0.14636	0.05371	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03243	0.27966	0.28328	0.00062	0.01267	0.01267	0.01166	61.1314
Dust From Material Movement	—	—	—	—	—	0.02671	0.00980	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.08245	0.06989	1.34063	0.00000	0.00000	0.26142	0.06128	274.262
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.02243	1.67246	0.94840	0.01002	0.01909	0.42048	0.12899	1,516.39
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00425	0.00477	0.05800	0.00000	0.00000	0.01415	0.00331	13.9668
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00120	0.09614	0.05210	0.00055	0.00105	0.02284	0.00702	83.0176
Annual	—	—	—	—	—	—	—	—
Worker	0.00078	0.00087	0.01058	0.00000	0.00000	0.00258	0.00060	2.31236
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00022	0.01755	0.00951	0.00010	0.00019	0.00417	0.00128	13.7445

3.4. Building Construction (2027)

3.4.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11196	10.1725	14.0369	0.02554	0.36460	0.36460	0.33543	2,638.73
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11196	10.1725	14.0369	0.02554	0.36460	0.36460	0.33543	2,638.73
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29812	2.72728	3.76331	0.00685	0.09775	0.09775	0.08993	707.448
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05441	0.49773	0.68680	0.00125	0.01784	0.01784	0.01641	117.126
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.13357	0.11322	2.17182	0.00000	0.00000	0.42350	0.09927	444.304
Vendor	0.00598	0.30132	0.16392	0.00216	0.00433	0.08664	0.02707	300.331
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.12500	0.12786	1.63610	0.00000	0.00000	0.42350	0.09927	406.726
Vendor	0.00556	0.31617	0.16625	0.00216	0.00433	0.08664	0.02707	299.833
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Worker	0.03370	0.03782	0.45971	0.00000	0.00000	0.11217	0.02627	110.707
Vendor	0.00155	0.08472	0.04423	0.00058	0.00116	0.02300	0.00720	80.4339
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00615	0.00690	0.08390	0.00000	0.00000	0.02047	0.00479	18.3287
Vendor	0.00028	0.01546	0.00807	0.00011	0.00021	0.00420	0.00131	13.3168
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11196	10.1725	14.0369	0.02554	0.36460	0.36460	0.33543	2,638.73
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—

Off-Road Equipment	1.11196	10.1725	14.0369	0.02554	0.36460	0.36460	0.33543	2,638.73
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29812	2.72728	3.76331	0.00685	0.09775	0.09775	0.08993	707.448
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05441	0.49773	0.68680	0.00125	0.01784	0.01784	0.01641	117.126
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.13357	0.11322	2.17182	0.00000	0.00000	0.42350	0.09927	444.304
Vendor	0.00598	0.30132	0.16392	0.00216	0.00433	0.08664	0.02707	300.331
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.12500	0.12786	1.63610	0.00000	0.00000	0.42350	0.09927	406.726
Vendor	0.00556	0.31617	0.16625	0.00216	0.00433	0.08664	0.02707	299.833
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Worker	0.03370	0.03782	0.45971	0.00000	0.00000	0.11217	0.02627	110.707
Vendor	0.00155	0.08472	0.04423	0.00058	0.00116	0.02300	0.00720	80.4339
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00615	0.00690	0.08390	0.00000	0.00000	0.02047	0.00479	18.3287

Vendor	0.00028	0.01546	0.00807	0.00011	0.00021	0.00420	0.00131	13.3168
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Building Construction (2028)

3.5.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07097	9.66028	14.0357	0.02555	0.32561	0.32561	0.29956	2,639.17
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07097	9.66028	14.0357	0.02555	0.32561	0.32561	0.29956	2,639.17
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29970	2.70337	3.92781	0.00715	0.09112	0.09112	0.08383	738.555
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05470	0.49336	0.71683	0.00130	0.01663	0.01663	0.01530	122.276
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.12786	0.11179	2.01146	0.00000	0.00000	0.42350	0.09927	435.812
Vendor	0.00598	0.28902	0.15874	0.00216	0.00433	0.08664	0.02491	293.609
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.12072	0.11322	1.51253	0.00000	0.00000	0.42350	0.09927	399.146
Vendor	0.00556	0.30170	0.16129	0.00216	0.00433	0.08664	0.02491	293.192
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Worker	0.03358	0.03538	0.44896	0.00000	0.00000	0.11708	0.02742	113.385
Vendor	0.00161	0.08438	0.04478	0.00061	0.00121	0.02401	0.00691	82.0884
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00613	0.00646	0.08193	0.00000	0.00000	0.02137	0.00500	18.7721
Vendor	0.00029	0.01540	0.00817	0.00011	0.00022	0.00438	0.00126	13.5907
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07097	9.66028	14.0357	0.02555	0.32561	0.32561	0.29956	2,639.17
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07097	9.66028	14.0357	0.02555	0.32561	0.32561	0.29956	2,639.17
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29970	2.70337	3.92781	0.00715	0.09112	0.09112	0.08383	738.555
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05470	0.49336	0.71683	0.00130	0.01663	0.01663	0.01530	122.276
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.12786	0.11179	2.01146	0.00000	0.00000	0.42350	0.09927	435.812
Vendor	0.00598	0.28902	0.15874	0.00216	0.00433	0.08664	0.02491	293.609
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.12072	0.11322	1.51253	0.00000	0.00000	0.42350	0.09927	399.146
Vendor	0.00556	0.30170	0.16129	0.00216	0.00433	0.08664	0.02491	293.192
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—
Worker	0.03358	0.03538	0.44896	0.00000	0.00000	0.11708	0.02742	113.385
Vendor	0.00161	0.08438	0.04478	0.00061	0.00121	0.02401	0.00691	82.0884
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00613	0.00646	0.08193	0.00000	0.00000	0.02137	0.00500	18.7721
Vendor	0.00029	0.01540	0.00817	0.00011	0.00022	0.00438	0.00126	13.5907
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Paving (2027)

3.6.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73744	6.94439	9.95313	0.01395	0.29813	0.29813	0.27428	1,516.29
Paving	0.72443	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04041	0.38051	0.54538	0.00076	0.01634	0.01634	0.01503	83.0845
Paving	0.03969	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00737	0.06944	0.09953	0.00014	0.00298	0.00298	0.00274	13.7556
Paving	0.00724	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.06184	0.05241	1.00547	0.00000	0.00000	0.19606	0.04596	205.696
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00319	0.00358	0.04350	0.00000	0.00000	0.01061	0.00249	10.4751
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00058	0.00065	0.00794	0.00000	0.00000	0.00194	0.00045	1.73427
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.73744	6.94439	9.95313	0.01395	0.29813	0.29813	0.27428	1,516.29
Paving	0.72443	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04041	0.38051	0.54538	0.00076	0.01634	0.01634	0.01503	83.0845
Paving	0.03969	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00737	0.06944	0.09953	0.00014	0.00298	0.00298	0.00274	13.7556
Paving	0.00724	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.06184	0.05241	1.00547	0.00000	0.00000	0.19606	0.04596	205.696
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00319	0.00358	0.04350	0.00000	0.00000	0.01061	0.00249	10.4751
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00058	0.00065	0.00794	0.00000	0.00000	0.00194	0.00045	1.73427
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Architectural Coating (2028)

3.7.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14308	1.07752	1.49111	0.00230	0.02048	0.02048	0.01884	178.634

Architectural Coatings	227.261	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00784	0.05904	0.08170	0.00013	0.00112	0.00112	0.00103	9.78814
Architectural Coatings	12.4526	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00143	0.01078	0.01491	0.00002	0.00020	0.00020	0.00019	1.62054
Architectural Coatings	2.27261	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.02557	0.02236	0.40229	0.00000	0.00000	0.08470	0.01985	87.1623
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00132	0.00139	0.01758	0.00000	0.00000	0.00459	0.00107	4.44023
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—
Worker	0.00024	0.00025	0.00321	0.00000	0.00000	0.00084	0.00020	0.73513
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14308	1.07752	1.49111	0.00230	0.02048	0.02048	0.01884	178.634
Architectural Coatings	48.4185	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00784	0.05904	0.08170	0.00013	0.00112	0.00112	0.00103	9.78814
Architectural Coatings	2.65307	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00143	0.01078	0.01491	0.00002	0.00020	0.00020	0.00019	1.62054
Architectural Coatings	0.48418	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.02557	0.02236	0.40229	0.00000	0.00000	0.08470	0.01985	87.1623
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00132	0.00139	0.01758	0.00000	0.00000	0.00459	0.00107	4.44023
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00024	0.00025	0.00321	0.00000	0.00000	0.00084	0.00020	0.73513
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8. Infrastructure Improvements (2027)

3.8.1. Onsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34265	3.33427	4.89464	0.00757	0.10015	0.10015	0.09214	775.446
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01878	0.18270	0.26820	0.00041	0.00549	0.00549	0.00505	42.4902

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00343	0.03334	0.04895	0.00008	0.00100	0.00100	0.00092	7.03473
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8.2. Offsite - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.05153	0.04368	0.83789	0.00000	0.00000	0.16339	0.03830	171.414
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00266	0.00298	0.03625	0.00000	0.00000	0.00884	0.00207	8.72922
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00049	0.00054	0.00662	0.00000	0.00000	0.00161	0.00038	1.44522
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8.3. Onsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Off-Road Equipment	0.34265	3.33427	4.89464	0.00757	0.10015	0.10015	0.09214	775.446
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01878	0.18270	0.26820	0.00041	0.00549	0.00549	0.00505	42.4902
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00343	0.03334	0.04895	0.00008	0.00100	0.00100	0.00092	7.03473
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8.4. Offsite - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.05153	0.04368	0.83789	0.00000	0.00000	0.16339	0.03830	171.414
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	0.00266	0.00298	0.03625	0.00000	0.00000	0.00884	0.00207	8.72922
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—
Worker	0.00049	0.00054	0.00662	0.00000	0.00000	0.00161	0.00038	1.44522
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	2.78271	2.31988	22.5415	0.05782	0.03723	5.26365	1.36209	6,044.50
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	2.78271	2.31988	22.5415	0.05782	0.03723	5.26365	1.36209	6,044.50
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	2.60052	2.48803	19.0589	0.05419	0.03726	5.26368	1.36212	5,663.59
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	2.60052	2.48803	19.0589	0.05419	0.03726	5.26368	1.36212	5,663.59
Annual	—	—	—	—	—	—	—	—
Single Family Housing	0.46501	0.45566	3.56001	0.00988	0.00672	0.93841	0.24294	937.608
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.46501	0.45566	3.56001	0.00988	0.00672	0.93841	0.24294	937.608

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	2.78271	2.31988	22.5415	0.05782	0.03723	5.26365	1.36209	6,044.50
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	2.78271	2.31988	22.5415	0.05782	0.03723	5.26365	1.36209	6,044.50
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	2.60052	2.48803	19.0589	0.05419	0.03726	5.26368	1.36212	5,663.59
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	2.60052	2.48803	19.0589	0.05419	0.03726	5.26368	1.36212	5,663.59
Annual	—	—	—	—	—	—	—	—
Single Family Housing	0.46501	0.45566	3.56001	0.00988	0.00672	0.93841	0.24294	937.608
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.46501	0.45566	3.56001	0.00988	0.00672	0.93841	0.24294	937.608

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	653.368
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	653.368
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	653.368
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	653.368
Annual	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	108.173
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	108.173

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	653.368
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	653.368
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	653.368
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	653.368
Annual	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	108.173
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	108.173

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
Annual	—	—	—	—	—	—	—	—

Single Family Housing	0.00759	0.12976	0.05522	0.00083	0.01049	0.01049	0.01049	149.835
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00759	0.12976	0.05522	0.00083	0.01049	0.01049	0.01049	149.835

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.04160	0.71102	0.30256	0.00454	0.05749	0.05749	0.05749	905.014
Annual	—	—	—	—	—	—	—	—

Single Family Housing	0.00759	0.12976	0.05522	0.00083	0.01049	0.01049	0.01049	149.835
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.00759	0.12976	0.05522	0.00083	0.01049	0.01049	0.01049	149.835

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Hearths	0.08735	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Consumer Products	15.3077	—	—	—	—	—	—	—
Architectural Coatings	1.24526	—	—	—	—	—	—	—
Landscape Equipment	0.44502	0.04835	5.11498	0.00022	0.00239	0.00239	0.00180	13.6999
Total	17.0853	1.54129	5.75027	0.00975	0.12310	0.12310	0.12251	1,910.68
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Hearths	0.08735	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Consumer Products	15.3077	—	—	—	—	—	—	—
Architectural Coatings	1.24526	—	—	—	—	—	—	—
Total	16.6403	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Annual	—	—	—	—	—	—	—	—
Hearths	0.00109	0.01866	0.00794	0.00012	0.00151	0.00151	0.00151	21.5115

Consumer Products	2.79366	—	—	—	—	—	—	—
Architectural Coatings	0.22726	—	—	—	—	—	—	—
Landscape Equipment	0.05563	0.00604	0.63937	0.00003	0.00030	0.00030	0.00023	1.55354
Total	3.07764	0.02471	0.64731	0.00015	0.00181	0.00181	0.00173	23.0650

4.3.2. Mitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Hearths	0.08735	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Consumer Products	15.3077	—	—	—	—	—	—	—
Architectural Coatings	1.24526	—	—	—	—	—	—	—
Landscape Equipment	0.44502	0.04835	5.11498	0.00022	0.00239	0.00239	0.00180	13.6999
Total	17.0853	1.54129	5.75027	0.00975	0.12310	0.12310	0.12251	1,910.68
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Hearths	0.08735	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Consumer Products	15.3077	—	—	—	—	—	—	—
Architectural Coatings	1.24526	—	—	—	—	—	—	—
Total	16.6403	1.49294	0.63529	0.00953	0.12071	0.12071	0.12071	1,896.99
Annual	—	—	—	—	—	—	—	—
Hearths	0.00109	0.01866	0.00794	0.00012	0.00151	0.00151	0.00151	21.5115
Consumer Products	2.79366	—	—	—	—	—	—	—
Architectural Coatings	0.22726	—	—	—	—	—	—	—

Landscape Equipment	0.05563	0.00604	0.63937	0.00003	0.00030	0.00030	0.00023	1.55354
Total	3.07764	0.02471	0.64731	0.00015	0.00181	0.00181	0.00173	23.0650

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	97.1105
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	97.1105
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	97.1105
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	97.1105
Annual	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	16.0778
City Park	—	—	—	—	—	—	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	16.0778

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	97.1105
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	97.1105
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	97.1105
City Park	—	—	—	—	—	—	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	97.1105
Annual	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	16.0778
City Park	—	—	—	—	—	—	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	16.0778

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	184.427
City Park	—	—	—	—	—	—	—	0.07297
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	184.500
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	184.427
City Park	—	—	—	—	—	—	—	0.07297
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	184.500
Annual	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	30.5341
City Park	—	—	—	—	—	—	—	0.01208
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	30.5461

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	184.427
City Park	—	—	—	—	—	—	—	0.07297
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	184.500
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	184.427
City Park	—	—	—	—	—	—	—	0.07297
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	184.500
Annual	—	—	—	—	—	—	—	—

Single Family Housing	—	—	—	—	—	—	—	30.5341
City Park	—	—	—	—	—	—	—	0.01208
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	0.00000
Total	—	—	—	—	—	—	—	30.5461

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	5.11606
Total	—	—	—	—	—	—	—	5.11606
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	5.11606
Total	—	—	—	—	—	—	—	5.11606
Annual	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	0.84702
Total	—	—	—	—	—	—	—	0.84702

4.6.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	5.11606
Total	—	—	—	—	—	—	—	5.11606
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	5.11606
Total	—	—	—	—	—	—	—	5.11606
Annual	—	—	—	—	—	—	—	—
Single Family Housing	—	—	—	—	—	—	—	0.84702
Total	—	—	—	—	—	—	—	0.84702

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.8.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.9.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—

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

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	7/1/2027	7/14/2027	5.00000	10.00000	—
Site Preparation	Site Preparation	7/14/2027	7/20/2027	5.00000	5.00000	—
Grading	Grading	7/20/2027	8/16/2027	5.00000	20.0000	—
Building Construction	Building Construction	8/17/2027	5/22/2028	5.00000	200.000	—
Paving	Paving	8/17/2027	9/13/2027	5.00000	20.0000	—
Architectural Coating	Architectural Coating	5/15/2028	6/9/2028	5.00000	20.0000	—

Infrastructure Improvements	Trenching	8/17/2027	9/13/2027	5.00000	20.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	33.0000	0.73000
Demolition	Excavators	Diesel	Average	3.00000	8.00000	36.0000	0.38000
Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	8.00000	367.000	0.40000
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00000	8.00000	84.0000	0.37000
Site Preparation	Crawler Tractors	Diesel	Average	4.00000	8.00000	87.0000	0.43000
Grading	Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Grading	Scrapers	Diesel	Average	2.00000	8.00000	423.000	0.48000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00000	8.00000	84.0000	0.37000
Grading	Crawler Tractors	Diesel	Average	2.00000	8.00000	87.0000	0.43000
Building Construction	Cranes	Diesel	Average	1.000000	8.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000

Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	8.00000	37.0000	0.48000
Infrastructure Improvements	Dumpers/Tenders	Diesel	Average	1.000000	8.00000	16.0000	0.38000
Infrastructure Improvements	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000
Infrastructure Improvements	Plate Compactors	Diesel	Average	1.000000	8.00000	8.00000	0.43000
Infrastructure Improvements	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	71.0000	0.37000
Infrastructure Improvements	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	8.00000	84.0000	0.37000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	33.0000	0.73000
Demolition	Excavators	Diesel	Average	3.00000	8.00000	36.0000	0.38000
Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	8.00000	367.000	0.40000
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	0.00000	8.00000	84.0000	0.37000
Site Preparation	Crawler Tractors	Diesel	Average	4.00000	8.00000	87.0000	0.43000
Grading	Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Grading	Scrapers	Diesel	Average	2.00000	8.00000	423.000	0.48000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	0.00000	8.00000	84.0000	0.37000
Grading	Crawler Tractors	Diesel	Average	2.00000	8.00000	87.0000	0.43000
Building Construction	Cranes	Diesel	Average	1.000000	8.00000	367.000	0.29000

Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	8.00000	37.0000	0.48000
Infrastructure Improvements	Dumpers/Tenders	Diesel	Average	1.000000	8.00000	16.0000	0.38000
Infrastructure Improvements	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000
Infrastructure Improvements	Plate Compactors	Diesel	Average	1.000000	8.00000	8.00000	0.43000
Infrastructure Improvements	Skid Steer Loaders	Diesel	Average	1.000000	8.00000	71.0000	0.37000
Infrastructure Improvements	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	8.00000	84.0000	0.37000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	15.0000	18.5000	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2000	HHDT,MHDT
Demolition	Hauling	90.0000	20.0000	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	17.5000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2000	HHDT,MHDT

Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20.0000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	21.6500	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	32.4000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	9.62100	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	6.48000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Infrastructure Improvements	Worker	12.5000	18.5000	LDA,LDT1,LDT2
Infrastructure Improvements	Vendor	—	10.2000	HHDT,MHDT
Infrastructure Improvements	Hauling	0.00000	20.0000	HHDT
Infrastructure Improvements	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	15.0000	18.5000	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2000	HHDT,MHDT
Demolition	Hauling	90.0000	20.0000	HHDT

Demolition	Onsite truck	—	—	HHDT
Site Preparation	Worker	17.5000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	Worker	20.0000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	21.6500	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	32.4000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	9.62100	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	15.0000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	6.48000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT
Infrastructure Improvements	Worker	12.5000	18.5000	LDA,LDT1,LDT2
Infrastructure Improvements	Vendor	—	10.2000	HHDT,MHDT
Infrastructure Improvements	Hauling	0.00000	20.0000	HHDT
Infrastructure Improvements	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	1,446,526	482,175	0.00000	0.00000	15,995.2

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	3,600.00	0.00000
Site Preparation	—	—	17.5000	0.00000	0.00000
Grading	3,457.00	—	80.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	7.11174

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Single Family Housing	0.99174	0%
Paving	City Park	0.00000	0%
Paving	Other Asphalt Surfaces	5.29000	100%

Paving	Other Non-Asphalt Surfaces	0.59000	0%
Paving	Other Asphalt Surfaces	0.24000	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00000	346.196	0.03300	0.00400
2028	0.00000	346.196	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	818.100	812.700	758.700	295,228	7,368.14	7,319.50	6,833.16	2,658,938
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Single Family Housing	818.100	812.700	758.700	295,228	7,368.14	7,319.50	6,833.16	2,658,938
City Park	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Single Family Housing	Wood Fireplaces	0	0
Single Family Housing	Gas Fireplaces	90	90
Single Family Housing	Propane Fireplaces	0	0
Single Family Housing	Electric Fireplaces	0	0
Single Family Housing	No Fireplaces	0	0
Single Family Housing	Conventional Wood Stoves	0	0
Single Family Housing	Catalytic Wood Stoves	0	0
Single Family Housing	Non-Catalytic Wood Stoves	0	0
Single Family Housing	Pellet Wood Stoves	0	0
City Park	Wood Fireplaces	0	0
City Park	Gas Fireplaces	0	0
City Park	Propane Fireplaces	0	0
City Park	Electric Fireplaces	0	0
City Park	No Fireplaces	0	0
City Park	Conventional Wood Stoves	0	0
City Park	Catalytic Wood Stoves	0	0
City Park	Non-Catalytic Wood Stoves	0	0
City Park	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0

Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0
Other Non-Asphalt Surfaces	Wood Fireplaces	0	0
Other Non-Asphalt Surfaces	Gas Fireplaces	0	0
Other Non-Asphalt Surfaces	Propane Fireplaces	0	0
Other Non-Asphalt Surfaces	Electric Fireplaces	0	0
Other Non-Asphalt Surfaces	No Fireplaces	0	0
Other Non-Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Non-Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Non-Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Non-Asphalt Surfaces	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
1,446,526	482,175	0.00000	0.00000	15,995.2

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Single Family Housing	684,866	346.196	0.0330	0.0040	2,816,074
City Park	0.00000	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Other Non-Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

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

Single Family Housing	684,866	346.196	0.0330	0.0040	2,816,074
City Park	0.00000	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Other Non-Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	3,751,306	8,279,013
City Park	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Single Family Housing	3,751,306	8,279,013
City Park	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

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

Single Family Housing	97.8102	0.00000
City Park	0.03870	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Single Family Housing	97.8102	0.00000
City Park	0.03870	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088.00	0.00225	2.50000	2.50000	10.00000

Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430.00	0.11538	0.60000	0.00000	1.000000

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	18.9600	annual days of extreme heat
Extreme Precipitation	5.10000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	76.9384
AQ-PM	93.1674
AQ-DPM	17.5482
Drinking Water	96.3657
Lead Risk Housing	56.8368
Pesticides	58.0690
Toxic Releases	61.5779
Traffic	6.27500
Effect Indicators	—
CleanUp Sites	46.0806
Groundwater	22.1152
Haz Waste Facilities/Generators	40.9265
Impaired Water Bodies	12.4528
Solid Waste	64.9714

Sensitive Population	—
Asthma	41.7498
Cardio-vascular	68.9806
Low Birth Weights	37.2338
Socioeconomic Factor Indicators	—
Education	69.1977
Housing	39.2015
Linguistic	60.6171
Poverty	58.9070
Unemployment	30.8824

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	49.96791993
Employed	62.92826896
Median HI	60.82381625
Education	—
Bachelor's or higher	43.64172976
High school enrollment	100
Preschool enrollment	56.08879764
Transportation	—
Auto Access	49.51879892
Active commuting	3.37482356
Social	—
2-parent households	27.61452586
Voting	55.43436417

Neighborhood	—
Alcohol availability	57.3206724
Park access	14.83382523
Retail density	20.1334531
Supermarket access	18.27280893
Tree canopy	20.67239831
Housing	—
Homeownership	81.7400231
Housing habitability	65.26369819
Low-inc homeowner severe housing cost burden	62.59463621
Low-inc renter severe housing cost burden	33.82522777
Uncrowded housing	54.63877839
Health Outcomes	—
Insured adults	69.70358014
Arthritis	20.9
Asthma ER Admissions	53.9
High Blood Pressure	33.3
Cancer (excluding skin)	27.6
Asthma	55.1
Coronary Heart Disease	28.5
Chronic Obstructive Pulmonary Disease	42.5
Diagnosed Diabetes	39.3
Life Expectancy at Birth	38.8
Cognitively Disabled	44.8
Physically Disabled	18.7
Heart Attack ER Admissions	22.9
Mental Health Not Good	57.3
Chronic Kidney Disease	35.4

Obesity	48.4
Pedestrian Injuries	70.7
Physical Health Not Good	47.6
Stroke	39.4
Health Risk Behaviors	—
Binge Drinking	50.7
Current Smoker	63.1
No Leisure Time for Physical Activity	55.3
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	51.6
Elderly	48.0
English Speaking	74.3
Foreign-born	33.9
Outdoor Workers	27.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	78.6
Traffic Density	14.6
Traffic Access	23.0
Other Indices	—
Hardship	40.6
Other Decision Support	—
2016 Voting	66.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	64.0000

Healthy Places Index Score for Project Location (b)	48.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Adjusted lot acreage to match architectural plan set
Construction: Construction Phases	Adjusted construction schedule to adhere to the start date and occupancy year provided by the client. Sewer trenching was assumed to take approximately 20 working days, based on an estimated trench length of 3,970 feet under typical construction production rates.
Construction: Off-Road Equipment	Assumed all construction will be utilized 8 hours per work day as provided by client. Replaced Tractors/Loaders/Backhoes with Crawler Tractors in the Site Preparation and Grading Phases.
Operations: Vehicle Data	Reduced city park land use trip rate to zero, as the project's basins (City Park) is ancillary to the Residential use and would not independently generate trips. Single Family Housing weekday, Saturday, and Sunday trip rates were revised to match ITE 12th Edition trip rates for 210- single family detached housing.
Operations: Hearths	For a conservative analysis, 100% of the units were assumed to include a gas-powered fireplace. Wood stoves were removed in accordance with SCAQMD Rule 445.

Operations: Refrigerants	Removed refrigeration equipment from City Parks land use as the park is representative of the Project's WQ basin and easement, and would not include typical equipment utilized with a City Park.

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	29.2208	17.8300
Building Area	sq. ft	175,500	714,334
Landscape Area	sq. ft	1,054,157	421,800
Population	people	298.000	335.000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Demolition	End Date	7/29/2027	7/14/2027
Demolition	Demolition	Work Days per Phase	20.0000	10.00000
Site Preparation	Site Preparation	Start Date	7/30/2027	7/14/2027
Site Preparation	Site Preparation	End Date	8/13/2027	7/20/2027
Site Preparation	Site Preparation	Work Days per Phase	10.00000	5.00000
Grading	Grading	Start Date	8/14/2027	7/20/2027
Grading	Grading	End Date	10/2/2027	8/16/2027
Grading	Grading	Work Days per Phase	35.0000	20.0000
Building Construction	Building Construction	Start Date	10/3/2027	8/17/2027
Building Construction	Building Construction	End Date	3/4/2029	5/22/2028
Building Construction	Building Construction	Work Days per Phase	370.000	200.000
Paving	Paving	Start Date	3/5/2029	8/17/2027
Paving	Paving	End Date	4/2/2029	9/13/2027

Architectural Coating	Architectural Coating	Start Date	4/3/2029	5/15/2028
Architectural Coating	Architectural Coating	End Date	5/1/2029	6/9/2028

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Site Preparation	Tractors/Loaders/Backhoes	Number per Day	4.00000	0.00000
Grading	Tractors/Loaders/Backhoes	Number per Day	2.00000	0.00000
Building Construction	Cranes	Hours Per Day	7.00000	8.00000
Building Construction	Tractors/Loaders/Backhoes	Hours Per Day	7.00000	8.00000
Architectural Coating	Air Compressors	Hours Per Day	6.00000	8.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Single Family Housing	Weekday Trip Rate	size/day	9.44000	9.09000
Single Family Housing	Saturday Trip Rate	size/day	9.54000	9.03000
Single Family Housing	Sunday Trip Rate	size/day	8.55000	8.43000
City Park	Weekday Trip Rate	size/day	0.78000	0.00000
City Park	Saturday Trip Rate	size/day	1.96000	0.00000
City Park	Sunday Trip Rate	size/day	2.19000	0.00000

8.5.2. Area Sources

8.5.2.1. Hearths

Land Use	Model Parameter	Units	Default Value	New Value

Single Family Housing	Wood Fireplaces	—	5	0
Single Family Housing	Gas Fireplaces	—	77	90
Single Family Housing	No Fireplaces	—	9	0
Single Family Housing	Wood Mass	lb/year	1,019	0
Single Family Housing	Catalytic Wood Stoves	—	5	0
Single Family Housing	Non-Catalytic Wood Stoves	—	5	0

APPENDIX B – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 5/20/2026
** File: D:\AERMOD\Project Folder Backup\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2195611 San_Bernardino_County_Population_SCAQMD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL 25_093_Nerio_Farms_Con.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT1
** DESCRSRC Route 1: NE Project Site > Street A > S Pipeline Drwy
** PREFIX
** Length of Side = 13.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 2.3859E-10
** Nodes = 10
** 434229.980, 3767446.985, 258.17, 2.64
** 434147.909, 3767444.840, 257.61, 2.64
** 434096.414, 3767441.621, 257.22, 2.64
** 434032.581, 3767437.330, 256.94, 2.64
```

```
** 434014.343, 3767435.184, 256.86, 2.64
** 434004.687, 3767405.682, 256.30, 2.64
** 434000.396, 3767382.080, 255.82, 2.64
** 433999.860, 3767352.041, 255.62, 2.64
** 433940.318, 3767352.041, 255.30, 2.64
** 433939.782, 3767149.814, 253.30, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000001     AREA     434229.804 3767453.733 258.29
   LOCATION A0000002     AREA     434147.488 3767451.577 257.65
   LOCATION A0000003     AREA     434095.961 3767448.356 257.24
   LOCATION A0000004     AREA     434031.792 3767444.034 256.98
   LOCATION A0000005     AREA     434007.928 3767437.284 256.78
   LOCATION A0000006     AREA     433998.046 3767406.889 256.39
   LOCATION A0000007     AREA     433993.647 3767382.200 255.81
   LOCATION A0000008     AREA     433999.860 3767358.791 255.65
   LOCATION A0000009     AREA     433933.568 3767352.059 255.23
   LOCATION A0000010     AREA     433933.300 3767250.945 254.24
** End of LINE AREA Source ID = RT1
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT2
** DESCRSRC Route 2: East Project Site > St D > Locust > Pipeline South Driveway
** PREFIX
** Length of Side = 13.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 2.3853E-10
** Nodes = 5
** 434230.517, 3767347.749, 257.08, 2.64
** 434192.968, 3767349.895, 257.03, 2.64
** 434091.586, 3767350.431, 256.25, 2.64
** 434091.586, 3767151.959, 254.02, 2.64
** 433938.709, 3767149.814, 253.28, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000011     AREA     434230.902 3767354.488 257.10
   LOCATION A0000012     AREA     434193.003 3767356.645 257.06
   LOCATION A0000013     AREA     434084.836 3767350.431 256.16
   LOCATION A0000014     AREA     434084.836 3767251.195 255.04
   LOCATION A0000015     AREA     434091.491 3767158.709 254.04
   LOCATION A0000016     AREA     434015.053 3767157.636 253.77
** End of LINE AREA Source ID = RT2
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT3
** DESCRSRC Route 3: Pipeline Ave Junct > Philadelphia > Ramona > SR-60 Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 4.0247E-10
```

```
** Nodes = 7
** 433938.075, 3767149.938, 253.33, 2.64
** 433939.284, 3766898.468, 250.26, 2.64
** 433940.493, 3766405.200, 245.52, 2.64
** 433940.493, 3766262.539, 244.30, 2.64
** 433942.911, 3766088.445, 241.79, 2.64
** 434743.262, 3766092.072, 244.48, 2.64
** 434744.471, 3765824.885, 241.41, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000017     AREA     433930.075 3767149.900 253.27
   LOCATION A0000018     AREA     433930.679 3767024.165 251.93
   LOCATION A0000019     AREA     433931.284 3766898.449 250.20
   LOCATION A0000020     AREA     433931.586 3766775.132 249.47
   LOCATION A0000021     AREA     433931.888 3766651.815 248.40
   LOCATION A0000022     AREA     433932.190 3766528.498 247.12
   LOCATION A0000023     AREA     433932.493 3766405.200 245.56
   LOCATION A0000024     AREA     433932.493 3766262.428 244.33
   LOCATION A0000025     AREA     433933.702 3766175.381 243.26
   LOCATION A0000026     AREA     433942.947 3766080.445 241.70
   LOCATION A0000027     AREA     434076.339 3766081.049 241.94
   LOCATION A0000028     AREA     434209.731 3766081.654 242.35
   LOCATION A0000029     AREA     434343.123 3766082.258 243.08
   LOCATION A0000030     AREA     434476.515 3766082.863 243.74
   LOCATION A0000031     AREA     434609.906 3766083.467 244.27
   LOCATION A0000032     AREA     434735.262 3766092.036 244.40
   LOCATION A0000033     AREA     434735.867 3765958.442 242.99
** End of LINE AREA Source ID = RT3
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT4
** DESCRSRC Route 4: SR-60 Junction > WB
** PREFIX
** Length of Side = 13.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 2.3859E-10
** Nodes = 6
** 434744.471, 3765826.094, 241.41, 2.64
** 434691.276, 3765807.959, 240.23, 2.64
** 434617.527, 3765788.615, 237.57, 2.64
** 434445.851, 3765758.391, 233.32, 2.64
** 434334.623, 3765735.420, 232.29, 2.64
** 434291.100, 3765728.166, 231.99, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000034     AREA     434742.293 3765832.483 241.47
   LOCATION A0000035     AREA     434689.563 3765814.488 240.22
   LOCATION A0000036     AREA     434616.357 3765795.263 238.75
   LOCATION A0000037     AREA     434530.518 3765780.151 237.69
   LOCATION A0000038     AREA     434444.485 3765765.001 235.94
   LOCATION A0000039     AREA     434333.514 3765742.078 233.47
```

```
** End of LINE AREA Source ID = RT4
** ----------------------------------------------------------------------
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT5
** DESCRSRC Route 5: SR-60 Junction > EB
** PREFIX
** Length of Side = 13.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 2.3851E-10
** Nodes = 9
** 434744.471, 3765824.885, 241.41, 2.64
** 434744.471, 3765624.193, 239.42, 2.64
** 434758.979, 3765632.656, 239.49, 2.64
** 434839.981, 3765665.298, 237.73, 2.64
** 434894.386, 3765681.015, 235.21, 2.64
** 434952.417, 3765691.896, 234.36, 2.64
** 435001.986, 3765696.732, 235.98, 2.64
** 435055.182, 3765701.568, 234.30, 2.64
** 435105.959, 3765703.986, 234.40, 2.64
** ----------------------------------------------------------------------
   LOCATION A0000040     AREA     434737.721 3765824.885 241.38
   LOCATION A0000041     AREA     434737.721 3765724.539 233.14
   LOCATION A0000042     AREA     434747.872 3765618.362 239.41
   LOCATION A0000043     AREA     434761.502 3765626.395 239.49
   LOCATION A0000044     AREA     434841.855 3765658.813 237.89
   LOCATION A0000045     AREA     434895.630 3765674.381 236.68
   LOCATION A0000046     AREA     434953.073 3765685.178 235.79
   LOCATION A0000047     AREA     435002.597 3765690.010 235.84
   LOCATION A0000048     AREA     435055.503 3765694.826 235.36
** End of LINE AREA Source ID = RT5
   LOCATION PJAREA       AREAPOLY   434245.381  3767513.094      259.000
** DESCRSRC Project Site Area Source
** Source Parameters **
** LINE AREA Source ID = RT1
   SRCPARAM A0000001     2.3859E-10     2.643    82.099    13.500   178.502
2.459
   SRCPARAM A0000002     2.3859E-10     2.643    51.596    13.500   176.424
2.459
   SRCPARAM A0000003     2.3859E-10     2.643    63.977    13.500   176.154
2.459
   SRCPARAM A0000004     2.3859E-10     2.643    18.364    13.500   173.290
2.459
   SRCPARAM A0000005     2.3859E-10     2.643    31.042    13.500   108.122
2.459
   SRCPARAM A0000006     2.3859E-10     2.643    23.989    13.500   100.305
2.459
   SRCPARAM A0000007     2.3859E-10     2.643    30.044    13.500    91.023
2.459
   SRCPARAM A0000008     2.3859E-10     2.643    59.542    13.500   180.000
```

```
2.459
   SRCPARAM A0000009     2.3859E-10     2.643   101.114    13.500    90.152
2.459
   SRCPARAM A0000010     2.3859E-10     2.643   101.114    13.500    90.152
2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = RT2
   SRCPARAM A0000011     2.3853E-10     2.643    37.610    13.500  -176.730
2.459
   SRCPARAM A0000012     2.3853E-10     2.643   101.383    13.500  -179.697
2.459
   SRCPARAM A0000013     2.3853E-10     2.643    99.236    13.500    90.000
2.459
   SRCPARAM A0000014     2.3853E-10     2.643    99.236    13.500    90.000
2.459
   SRCPARAM A0000015     2.3853E-10     2.643    76.446    13.500   179.196
2.459
   SRCPARAM A0000016     2.3853E-10     2.643    76.446    13.500   179.196
2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = RT3
   SRCPARAM A0000017     4.0247E-10     2.643   125.736    16.000    89.725
2.459
   SRCPARAM A0000018     4.0247E-10     2.643   125.736    16.000    89.725
2.459
   SRCPARAM A0000019     4.0247E-10     2.643   123.317    16.000    89.860
2.459
   SRCPARAM A0000020     4.0247E-10     2.643   123.317    16.000    89.860
2.459
   SRCPARAM A0000021     4.0247E-10     2.643   123.317    16.000    89.860
2.459
   SRCPARAM A0000022     4.0247E-10     2.643   123.317    16.000    89.860
2.459
   SRCPARAM A0000023     4.0247E-10     2.643   142.661    16.000    90.000
2.459
   SRCPARAM A0000024     4.0247E-10     2.643    87.056    16.000    89.204
2.459
   SRCPARAM A0000025     4.0247E-10     2.643    87.056    16.000    89.204
2.459
   SRCPARAM A0000026     4.0247E-10     2.643   133.393    16.000    -0.260
2.459
   SRCPARAM A0000027     4.0247E-10     2.643   133.393    16.000    -0.260
2.459
   SRCPARAM A0000028     4.0247E-10     2.643   133.393    16.000    -0.260
2.459
   SRCPARAM A0000029     4.0247E-10     2.643   133.393    16.000    -0.260
2.459
   SRCPARAM A0000030     4.0247E-10     2.643   133.393    16.000    -0.260
2.459
   SRCPARAM A0000031     4.0247E-10     2.643   133.393    16.000    -0.260
```

```
2.459
   SRCPARAM A0000032     4.0247E-10     2.643   133.595    16.000    89.741
2.459
   SRCPARAM A0000033     4.0247E-10     2.643   133.595    16.000    89.741
2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = RT4
   SRCPARAM A0000034     2.3859E-10     2.643    56.202    13.500   161.175
2.459
   SRCPARAM A0000035     2.3859E-10     2.643    76.243    13.500   165.303
2.459
   SRCPARAM A0000036     2.3859E-10     2.643    87.158    13.500   170.015
2.459
   SRCPARAM A0000037     2.3859E-10     2.643    87.158    13.500   170.015
2.459
   SRCPARAM A0000038     2.3859E-10     2.643   113.574    13.500   168.331
2.459
   SRCPARAM A0000039     2.3859E-10     2.643    44.124    13.500   170.538
2.459
** ------------------------------------------------------------------
** LINE AREA Source ID = RT5
   SRCPARAM A0000040     2.3851E-10     2.643   100.346    13.500    90.000
2.459
   SRCPARAM A0000041     2.3851E-10     2.643   100.346    13.500    90.000
2.459
   SRCPARAM A0000042     2.3851E-10     2.643    16.796    13.500   -30.256
2.459
   SRCPARAM A0000043     2.3851E-10     2.643    87.332    13.500   -21.949
2.459
   SRCPARAM A0000044     2.3851E-10     2.643    56.629    13.500   -16.113
2.459
   SRCPARAM A0000045     2.3851E-10     2.643    59.043    13.500   -10.620
2.459
   SRCPARAM A0000046     2.3851E-10     2.643    49.804    13.500    -5.572
2.459
   SRCPARAM A0000047     2.3851E-10     2.643    53.415    13.500    -5.194
2.459
   SRCPARAM A0000048     2.3851E-10     2.643    50.835    13.500    -2.726
2.459
** ------------------------------------------------------------------
   SRCPARAM PJAREA        8.31E-08     5.000        22
   AREAVERT PJAREA       434245.381 3767513.094 434244.916 3767299.187
   AREAVERT PJAREA       434136.567 3767298.722 434135.145 3767101.719
   AREAVERT PJAREA       433945.719 3767100.159 433946.464 3767053.063
   AREAVERT PJAREA       434133.798 3767053.080 434343.298 3767053.375
   AREAVERT PJAREA       434346.236 3766546.126 434345.684 3766547.036
   AREAVERT PJAREA       434342.837 3767052.705 433943.043 3767052.008
   AREAVERT PJAREA       433943.160 3767072.555 433942.678 3767110.667
   AREAVERT PJAREA       433941.821 3767262.118 433942.411 3767338.459
   AREAVERT PJAREA       433943.122 3767375.063 433945.538 3767400.025
```

```
   AREAVERT PJAREA       433950.440 3767417.627 433959.783 3767444.439
   AREAVERT PJAREA       433963.549 3767460.846 433968.653 3767491.390
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000001     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000002     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000003     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000004     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000005     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000006     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000007     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000008     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000009     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000010     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000011     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000012     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000013     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000014     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000015     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000016     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000017     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000018     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000019     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000020     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000021     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000022     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000023     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000024     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000025     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000026     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000027     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000028     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000028     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000029     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000030     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000031     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000032     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000033     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT A0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000034     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000035     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000036     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000037     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000038     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000039     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000040     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000041     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000042     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT A0000043     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000043     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000044     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000045     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000046     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000047     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT A0000048     HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT A0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
```

```
   EMISFACT PJAREA       HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PJAREA       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED 25_093_Nerio_Farms_Con.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "C:\Lakes\AERMOD View\Met Data\kcno_sfc_pfl\KCNO_V11_trimmed.sfc"
   PROFFILE "C:\Lakes\AERMOD View\Met Data\kcno_sfc_pfl\KCNO_V11_trimmed.pfl"
   SURFDATA 3179 2017 KCNO_Chino_Airport
   UAIRDATA 3190 2017
   PROFBASE 191.07 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST 25_093_Nerio_Farms_Con.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL 25_093_Nerio_Farms_Con.AD\PE00GALL.PLT 32
   SUMMFILE 25_093_Nerio_Farms_Con.sum
OU FINISHED
```

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

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

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


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


   ********   WARNING MESSAGES   ********
ME W186     887       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187     887       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:58:13

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
```

```
      * Model Uses URBAN Dispersion Algorithm for the SBL for    49 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2195611.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

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

 **This Run Includes:     49 Source(s);       1 Source Group(s); and    1286
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:     49 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  22112

 **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) =   191.07 ;  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 = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 25_093_Nerio_Farms_Con.err

**File for Summary of Results: 25_093_Nerio_Farms_Con.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000001	0	0.23859E-09	434229.8	3767453.7	258.3	2.64	82.10	13.50	178.50	2.46	YES	HRDOW	NO
A0000002	0	0.23859E-09	434147.5	3767451.6	257.7	2.64	51.60	13.50	176.42	2.46	YES	HRDOW	NO
A0000003	0	0.23859E-09	434096.0	3767448.4	257.2	2.64	63.98	13.50	176.15	2.46	YES	HRDOW	NO
A0000004	0	0.23859E-09	434031.8	3767444.0	257.0	2.64	18.36	13.50	173.29	2.46	YES	HRDOW	NO
A0000005	0	0.23859E-09	434007.9	3767437.3	256.8	2.64	31.04	13.50	108.12	2.46	YES	HRDOW	NO
A0000006	0	0.23859E-09	433998.0	3767406.9	256.4	2.64	23.99	13.50	100.30	2.46	YES	HRDOW	NO
A0000007	0	0.23859E-09	433993.6	3767382.2	255.8	2.64	30.04	13.50	91.02	2.46	YES	HRDOW	NO
A0000008	0	0.23859E-09	433999.9	3767358.8	255.7	2.64	59.54	13.50	180.00	2.46	YES	HRDOW	NO
A0000009	0	0.23859E-09	433933.6	3767352.1	255.2	2.64	101.11	13.50	90.15	2.46	YES	HRDOW	NO

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 A0000010         0   0.23859E-09  433933.3 3767250.9   254.2     2.64    101.11
13.50     90.15     2.46     YES   HRDOW            NO
 A0000011         0   0.23853E-09  434230.9 3767354.5   257.1     2.64     37.61
13.50   -176.73     2.46     YES   HRDOW            NO
 A0000012         0   0.23853E-09  434193.0 3767356.6   257.1     2.64    101.38
13.50   -179.70     2.46     YES   HRDOW            NO
 A0000013         0   0.23853E-09  434084.8 3767350.4   256.2     2.64     99.24
13.50     90.00     2.46     YES   HRDOW            NO
 A0000014         0   0.23853E-09  434084.8 3767251.2   255.0     2.64     99.24
13.50     90.00     2.46     YES   HRDOW            NO
 A0000015         0   0.23853E-09  434091.5 3767158.7   254.0     2.64     76.45
13.50    179.20     2.46     YES   HRDOW            NO
 A0000016         0   0.23853E-09  434015.1 3767157.6   253.8     2.64     76.45
13.50    179.20     2.46     YES   HRDOW            NO
 A0000017         0   0.40247E-09  433930.1 3767149.9   253.3     2.64    125.74
16.00     89.72     2.46     YES   HRDOW            NO
 A0000018         0   0.40247E-09  433930.7 3767024.2   251.9     2.64    125.74
16.00     89.72     2.46     YES   HRDOW            NO
 A0000019         0   0.40247E-09  433931.3 3766898.4   250.2     2.64    123.32
16.00     89.86     2.46     YES   HRDOW            NO
 A0000020         0   0.40247E-09  433931.6 3766775.1   249.5     2.64    123.32
16.00     89.86     2.46     YES   HRDOW            NO
 A0000021         0   0.40247E-09  433931.9 3766651.8   248.4     2.64    123.32
16.00     89.86     2.46     YES   HRDOW            NO
 A0000022         0   0.40247E-09  433932.2 3766528.5   247.1     2.64    123.32
16.00     89.86     2.46     YES   HRDOW            NO
 A0000023         0   0.40247E-09  433932.5 3766405.2   245.6     2.64    142.66
16.00     90.00     2.46     YES   HRDOW            NO
 A0000024         0   0.40247E-09  433932.5 3766262.4   244.3     2.64     87.06
16.00     89.20     2.46     YES   HRDOW            NO
 A0000025         0   0.40247E-09  433933.7 3766175.4   243.3     2.64     87.06
16.00     89.20     2.46     YES   HRDOW            NO
 A0000026         0   0.40247E-09  433942.9 3766080.4   241.7     2.64    133.39
16.00     -0.26     2.46     YES   HRDOW            NO
 A0000027         0   0.40247E-09  434076.3 3766081.0   241.9     2.64    133.39
16.00     -0.26     2.46     YES   HRDOW            NO
 A0000028         0   0.40247E-09  434209.7 3766081.7   242.4     2.64    133.39
16.00     -0.26     2.46     YES   HRDOW            NO
 A0000029         0   0.40247E-09  434343.1 3766082.3   243.1     2.64    133.39
16.00     -0.26     2.46     YES   HRDOW            NO
 A0000030         0   0.40247E-09  434476.5 3766082.9   243.7     2.64    133.39
16.00     -0.26     2.46     YES   HRDOW            NO
 A0000031         0   0.40247E-09  434609.9 3766083.5   244.3     2.64    133.39
16.00     -0.26     2.46     YES   HRDOW            NO
 A0000032         0   0.40247E-09  434735.3 3766092.0   244.4     2.64    133.59
16.00     89.74     2.46     YES   HRDOW            NO
 A0000033         0   0.40247E-09  434735.9 3765958.4   243.0     2.64    133.59
16.00     89.74     2.46     YES   HRDOW            NO
 A0000034         0   0.23859E-09  434742.3 3765832.5   241.5     2.64     56.20
13.50    161.17     2.46     YES   HRDOW            NO
```

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. (DEG.)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
A0000041	0	0.23851E-09	434737.7	3765724.5	233.1	2.64	100.35	13.50	90.00	2.46	YES	HRDOW	NO
A0000042	0	0.23851E-09	434747.9	3765618.4	239.4	2.64	16.80	13.50	-30.26	2.46	YES	HRDOW	NO
A0000043	0	0.23851E-09	434761.5	3765626.4	239.5	2.64	87.33	13.50	-21.95	2.46	YES	HRDOW	NO
A0000044	0	0.23851E-09	434841.9	3765658.8	237.9	2.64	56.63	13.50	-16.11	2.46	YES	HRDOW	NO
A0000045	0	0.23851E-09	434895.6	3765674.4	236.7	2.64	59.04	13.50	-10.62	2.46	YES	HRDOW	NO
A0000046	0	0.23851E-09	434953.1	3765685.2	235.8	2.64	49.80	13.50	-5.57	2.46	YES	HRDOW	NO
A0000047	0	0.23851E-09	435002.6	3765690.0	235.8	2.64	53.41	13.50	-5.19	2.46	YES	HRDOW	NO
A0000048	0	0.23851E-09	435055.5	3765694.8	235.4	2.64	50.84	13.50	-2.73	2.46	YES	HRDOW	NO

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ SOURCE SCALAR VARY BY	URBAN SOURCE
PJAREA	0	0.83100E-07	434245.4	3767513.1	259.0	5.00	22	0.00 YES HRDOW	NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 ,
	A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 ,
	A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 ,
	A0000025 , A0000026 , A0000027 , A0000028 , A0000029 , A0000030 , A0000031 , A0000032 ,
	A0000033 , A0000034 , A0000035 , A0000036 , A0000037 , A0000038 , A0000039 , A0000040 ,

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

URBAN ID	URBAN POP	SOURCE IDs
2195611.	A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 ,	

A0000009 , A0000010 , A0000011 , A0000012 , A0000013 ,
A0000014 , A0000015 , A0000016 ,

A0000017 , A0000018 , A0000019 , A0000020 , A0000021 ,
A0000022 , A0000023 , A0000024 ,

A0000025 , A0000026 , A0000027 , A0000028 , A0000029 ,
A0000030 , A0000031 , A0000032 ,

A0000033 , A0000034 , A0000035 , A0000036 , A0000037 ,
A0000038 , A0000039 , A0000040 ,

A0000041 , A0000042 , A0000043 , A0000044 , A0000045 ,
A0000046 , A0000047 , A0000048 ,

PJAREA ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = A0000001     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000002     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000003   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000004   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000005   ; SOURCE TYPE = AREA   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000006     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000007   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000008 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000009 ; SOURCE TYPE = AREA :

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

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000010     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000011     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000012 ; SOURCE TYPE = AREA :

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000013 ; SOURCE TYPE = AREA :

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

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000014 ; SOURCE TYPE = AREA :

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

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

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000015     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000016   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000017   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00

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6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000018     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000019     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000020 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000021 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***       15:58:13

                                PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000022     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000023 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = A0000024   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000025   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***       15:58:13

                                PAGE  32
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000026     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = A0000027     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = A0000028     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000029     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000030 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000031 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000032 ; SOURCE TYPE = AREA :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000033 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000034   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000035   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000036   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000037     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000038   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000039   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = A0000040   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   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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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000041     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:58:13

                                  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000042     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:58:13

                                  PAGE  49
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000043 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000044 ; SOURCE TYPE = AREA :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000045     ; SOURCE TYPE = AREA     :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .1000E+01    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = A0000046   ; SOURCE TYPE = AREA   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .1000E+01   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000047 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = A0000048 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .0000E+00 16 .0000E+00

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = PJAREA   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                       *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART
***

                                        *** X-COORDINATES OF GRID ***
                                                (METERS)

       433499.7, 433543.2, 433586.7, 433630.2, 433673.8, 433717.3, 433760.8,
433804.3, 433847.8, 433891.4,
       433934.9, 433978.4, 434021.9, 434065.5, 434109.0, 434152.5, 434196.0,
434239.5, 434283.0, 434326.6,
       434370.1, 434413.6, 434457.1, 434500.7, 434544.2, 434587.7, 434631.2,
434674.7, 434718.2, 434761.8,

                                        *** Y-COORDINATES OF GRID ***
                                                (METERS)

      3766662.1, 3766703.6, 3766745.1, 3766786.6, 3766828.0, 3766869.5, 3766911.0,
3766952.5, 3766994.0, 3767035.4,
      3767076.9, 3767118.4, 3767159.9, 3767201.4, 3767242.8, 3767284.3, 3767325.8,
3767367.3, 3767408.8, 3767450.2,
      3767491.7, 3767533.2, 3767574.7, 3767616.2, 3767657.6, 3767699.1, 3767740.6,
3767782.1, 3767823.6, 3767865.0,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART
***

                                            * ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 433499.69	433543.21	433586.73	433630.25	433673.77	433717.29	433760.81	433804.33	433847.85
3767865.04	261.40	261.60	261.70	261.60	261.50	261.60	261.80	261.70	261.90
3767823.56	261.00	261.10	261.30	261.10	260.90	261.20	261.20	261.10	261.20
3767782.08	260.50	260.50	260.50	260.40	260.40	260.60	260.60	260.60	260.70
3767740.60	259.60	259.40	259.50	259.90	260.00	259.80	260.00	259.90	260.00
3767699.12	259.00	258.70	258.80	259.00	259.30	259.30	259.50	259.50	259.40
3767657.64	258.70	258.40	258.40	258.50	258.80	259.00	259.10	259.00	259.00
3767616.16	258.40	258.10	258.20	258.20	258.30	258.50	258.60	258.50	258.60
3767574.68	257.90	257.80	257.90	257.80	257.90	258.10	258.30	258.10	257.80
3767533.20	257.50	257.50	257.60	257.50	257.60	257.80	258.00	257.90	257.60
3767491.72	257.10	257.30	257.50	256.90	257.40	257.40	257.40	257.30	257.30
3767450.24	256.20	256.40	256.50	256.60	256.40	256.60	256.80	256.50	257.00
3767408.76	256.30	256.30	256.60	256.70	256.10	256.40	256.50	256.40	256.80
3767367.28	255.80	255.60	256.20	256.20	256.10	256.00	256.10	256.10	256.20
3767325.80	255.30	255.20	255.60	255.50	255.50	254.80	255.50	255.40	255.40
3767284.32	254.90	254.60	254.80	254.70	254.40	254.60	254.10	254.30	254.40
3767242.84	254.20	254.00	254.20	254.20	253.60	253.80	253.80	253.80	254.00
3767201.36	253.60	253.40	253.70	253.90	253.40	253.40	253.70	253.60	253.70
3767159.88	253.10	252.90	253.20	253.60	253.80	253.10	252.90	253.00	253.30
3767118.40	252.60	252.50	253.10	253.10	253.60	253.20	252.70	252.70	253.10
3767076.92	252.10	252.10	252.10	252.10	252.20	252.20	251.90	252.20	252.30
3767035.44	251.60	251.70	251.70	251.70	251.90	251.90	251.50	251.80	251.90
3766993.96	251.20	251.40	251.40	251.30	251.60	251.50	251.00	251.30	251.40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	433891.37	433934.89	433978.41	434021.93	434065.45
	434108.97	434152.49	434196.01	434239.53	
3767865.04	261.80	261.50	261.20	261.60	261.60
	262.10	262.40	263.10	262.70	
3767823.56	261.20	261.20	260.90	261.00	261.20
	261.80	262.00	262.60	262.30	
3767782.08	260.70	260.70	260.40	260.60	260.90
	261.30	261.60	261.90	261.90	
3767740.60	260.10	260.00	260.40	261.20	261.30
	261.50	260.90	261.30	261.50	
3767699.12	259.60	259.50	259.40	259.70	259.80
	260.20	260.30	260.60	261.00	
3767657.64	259.30	259.00	258.80	259.40	259.50
	259.90	259.90	260.30	260.60	
3767616.16	258.80	258.70	258.50	259.10	259.40
	259.40	259.40	259.70	259.90	
3767574.68	258.30	258.30	257.70	258.00	258.20
	250.70	251.00	251.10	251.10	251.10
	250.90	250.70	250.80	251.10	
3766911.00	250.30	250.30	250.60	250.70	250.90
	250.60	250.50	250.60	250.80	
3766869.52	249.90	249.80	250.30	250.20	250.30
	250.00	249.90	250.10	250.50	
3766828.04	249.70	249.50	249.80	250.00	249.80
	249.60	249.40	249.70	250.10	
3766786.56	249.20	249.10	249.40	249.50	249.30
	249.20	249.00	249.20	249.80	
3766745.08	248.70	248.70	249.00	249.10	249.00
	248.80	248.60	249.10	249.30	
3766703.60	248.30	248.30	248.70	248.90	248.60
	248.40	248.20	248.60	248.90	
3766662.12	247.90	247.90	248.40	248.20	247.30
	247.80	248.00	247.90	248.10	

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  258.80       258.90       259.30       259.50
  3767533.20 |        257.90       257.80       257.60       258.50       258.70
  258.70       258.50       258.90       259.10
  3767491.72 |        257.30       257.00       257.00       257.30       257.50
  257.60       257.80       258.30       258.70
  3767450.24 |        256.60       256.50       256.60       257.00       257.10
  257.30       257.70       258.00       258.30
  3767408.76 |        256.10       255.90       256.20       256.70       256.90
  257.10       257.60       257.90       258.00
  3767367.28 |        255.60       255.40       255.80       255.90       256.10
  256.40       256.80       257.10       257.20
  3767325.80 |        255.20       255.10       255.50       255.70       255.90
  256.20       256.60       256.90       256.90
  3767284.32 |        254.60       254.60       254.90       255.00       255.20
  255.50       255.80       256.00       256.20
  3767242.84 |        254.30       254.20       254.70       254.80       254.90
  255.20       255.50       255.70       255.90
  3767201.36 |        254.20       253.90       254.40       254.50       254.70
  254.90       255.30       255.30       255.50
  3767159.88 |        253.70       253.40       253.70       253.80       253.90
  254.20       254.60       254.60       254.70
  3767118.40 |        253.40       253.00       253.50       253.70       253.70
  253.90       254.00       254.00       254.30
  3767076.92 |        252.80       252.50       253.20       253.40       253.30
  253.50       253.40       253.40       253.70
  3767035.44 |        252.30       252.10       252.30       252.70       252.90
  253.00       253.00       253.10       253.30
  3766993.96 |        251.90       251.70       251.80       252.10       252.40
  252.60       252.60       252.60       252.90
  3766952.48 |        251.30       251.10       251.20       251.10       251.50
  251.80       251.90       252.10       252.40
  3766911.00 |        251.00       250.40       250.90       250.90       251.20
  251.50       251.60       251.70       251.90
  3766869.52 |        250.50       250.10       250.20       250.40       250.70
  250.70       250.80       251.10       251.40
  3766828.04 |        250.10       249.80       250.00       250.00       250.20
  250.40       250.50       250.90       251.20
  3766786.56 |        249.80       249.50       249.70       249.70       249.70
  250.00       250.30       250.50       250.90
  3766745.08 |        249.50       249.20       249.30       249.30       249.40
  249.70       249.90       250.20       250.50
  3766703.60 |        249.30       248.90       249.00       249.00       249.10
  249.30       249.80       249.90       250.20
  3766662.12 |        248.60       248.50       248.50       248.40       248.40
  248.50       249.10       249.80       250.10
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	434283.05	434326.57	434370.09	434413.61	434457.13	434500.65	434544.17	434587.69	434631.21	
3767865.04	263.00	263.10	263.60	263.80	264.10	264.20	264.80	265.20	265.90	
3767823.56	262.50	262.70	263.10	263.30	263.40	263.60	264.20	264.80	265.10	
3767782.08	262.30	262.20	262.60	262.80	263.10	263.30	263.80	264.30	264.60	
3767740.60	261.80	262.20	262.10	262.00	262.60	262.70	263.60	263.90	264.40	
3767699.12	261.40	261.70	261.70	261.60	262.30	262.50	263.20	263.40	263.90	
3767657.64	260.70	261.10	261.30	261.40	262.00	262.20	262.70	262.90	263.50	
3767616.16	260.20	260.70	260.90	261.10	261.50	261.70	262.10	262.40	263.00	
3767574.68	259.70	260.00	260.50	260.90	261.10	261.30	261.70	262.00	262.70	
3767533.20	259.40	259.70	260.10	260.20	260.50	260.80	261.00	261.30	261.70	
3767491.72	259.00	259.30	259.60	259.80	260.00	259.80	260.40	260.80	261.10	
3767450.24	258.60	258.80	259.20	259.20	259.50	259.30	259.80	260.10	260.60	
3767408.76	258.10	258.50	258.70	259.00	259.00	259.00	259.50	259.50	259.70	
3767367.28	257.80	258.10	258.10	258.20	258.50	258.80	259.10	259.20	259.40	
3767325.80	257.30	257.60	257.60	257.70	258.10	258.50	258.80	258.70	258.90	
3767284.32	256.40	256.80	256.90	257.10	257.20	257.60	258.10	258.40	258.40	
3767242.84	256.00	256.20	256.30	256.60	256.90	257.10	257.50	257.70	257.90	
3767201.36	255.50	255.80	255.90	256.20	256.40	256.70	257.10	257.10	257.20	
3767159.88	255.10	255.30	255.60	255.80	256.00	256.20	256.40	256.50	256.50	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)					
	434674.73	434718.25	434761.77			
3767865.04	265.30	265.80	265.80			
3767823.56	265.20	265.40	265.30			
3767782.08	265.00	265.20	264.90			
3767740.60	264.70	264.90	264.50			
3767699.12	264.10	264.30	264.10			
3767657.64	263.50	263.70	263.60			
3767616.16	263.10	263.20	263.20			
3767574.68	262.70	263.00	262.70			
3767118.40	254.60	254.80	255.20	255.40	255.60	255.80
256.10	256.00	255.90				
3767076.92	254.00	254.40	254.40	254.40	254.90	255.00
255.30	255.40	255.50				
3767035.44	253.60	254.00	253.90	254.00	254.40	254.30
254.90	255.00	255.00				
3766993.96	253.10	253.40	253.60	253.80	254.00	254.20
254.60	254.70	254.80				
3766952.48	252.50	253.00	253.20	253.50	253.70	253.70
254.10	254.20	254.20				
3766911.00	252.20	252.60	252.80	253.20	253.30	253.30
253.50	253.60	253.90				
3766869.52	251.90	252.20	252.40	252.80	253.30	253.20
253.20	253.20	253.40				
3766828.04	251.50	252.00	252.20	252.40	252.40	251.40
252.50	252.90	253.00				
3766786.56	251.30	251.60	252.00	251.50	251.80	251.00
252.10	252.30	252.60				
3766745.08	250.90	251.20	251.50	251.20	251.50	250.70
251.70	251.90	251.90				
3766703.60	250.40	250.60	250.70	250.50	251.30	251.10
251.30	251.30	251.60				
3766662.12	250.00	249.80	249.80	250.00	250.10	250.40
250.60	250.70	250.90				

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  3767533.20 |        262.00       262.00       262.30
  3767491.72 |        261.30       261.50       261.50
  3767450.24 |        260.60       260.80       260.90
  3767408.76 |        259.90       260.30       260.50
  3767367.28 |        259.70       259.80       259.90
  3767325.80 |        259.20       259.30       259.50
  3767284.32 |        258.60       258.80       259.00
  3767242.84 |        257.90       258.00       258.30
  3767201.36 |        257.40       257.60       257.80
  3767159.88 |        256.90       257.10       257.20
  3767118.40 |        256.20       256.60       256.80
  3767076.92 |        255.90       256.00       256.60
  3767035.44 |        255.40       255.70       256.00
  3766993.96 |        255.10       255.20       255.50
  3766952.48 |        254.70       254.80       255.00
  3766911.00 |        254.10       254.30       254.60
  3766869.52 |        253.60       253.70       253.80
  3766828.04 |        253.00       253.20       253.30
  3766786.56 |        252.40       252.70       252.80
  3766745.08 |        252.00       252.10       252.40
  3766703.60 |        251.50       251.70       252.10
  3766662.12 |        250.90       251.50       251.20
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:58:13

                                  PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART
***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     433499.69    433543.21    433586.73    433630.25    433673.77
433717.29    433760.81    433804.33    433847.85
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

  3767865.04 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767823.56 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767782.08 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767740.60 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767699.12 |       3068.40      3068.40      3068.40      3068.40      3068.40
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3068.40 3068.40 3068.40 3068.40
3767657.64 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767616.16 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767574.68 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767533.20 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767491.72 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767450.24 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767408.76 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767367.28 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767325.80 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767284.32 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767242.84 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767201.36 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767159.88 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767118.40 | 3047.80 3047.80 3047.80 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767076.92 | 3047.80 3047.80 3047.80 3047.80 3047.80 3047.80
3067.80 3068.40 3068.40 3068.40
3767035.44 | 3047.80 3047.80 3047.80 3047.80 3047.80 3047.80
3047.80 3047.80 3047.80 3047.80
3766993.96 | 3047.80 3047.80 3047.80 3047.80 3047.80 3047.80
3047.80 3047.80 3047.80 3047.80
3766952.48 | 3047.80 3047.80 3047.80 3047.80 3047.80 3047.80
3047.80 3047.80 3047.80 3047.80
3766911.00 | 2700.30 2700.30 3047.50 3047.80 3047.80 3047.80
3047.80 3047.80 3047.80 3047.80
3766869.52 | 2700.30 2700.30 2700.30 2700.30 2700.30 2700.30
2700.30 3047.50 3047.80 3047.80
3766828.04 | 2700.30 2700.30 2700.30 2700.30 2700.30 2700.30
2700.30 2700.30 2700.30 2700.30
3766786.56 | 2700.30 2700.30 2700.30 2700.30 2700.30 2700.30
2700.30 2700.30 2700.30 2700.30
3766745.08 | 2700.30 2700.30 2700.30 2700.30 2700.30 2700.30
2700.30 2700.30 2700.30 2700.30
3766703.60 | 2700.30 2700.30 2700.30 2700.30 2700.30 2700.30
2700.30 2700.30 2700.30 2700.30
3766662.12 | 2700.30 2700.30 2700.30 2700.30 2700.30

2700.30   2700.30   2700.30   2700.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 433891.37	433934.89	433978.41	434021.93	434065.45	434108.97	434152.49	434196.01	434239.53
3767865.04	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767823.56	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767782.08	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767740.60	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767699.12	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767657.64	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767616.16	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767574.68	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767533.20	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767491.72	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767450.24	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767408.76	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767367.28	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767325.80	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767284.32	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40

```
  3767242.84 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767201.36 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767159.88 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767118.40 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767076.92 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3767035.44 |       3067.80      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40      3068.40      3068.40
  3766993.96 |       3047.80      3047.80      3047.80      3047.80      3047.80
 3068.40      3068.40      3068.40      3068.40
  3766952.48 |       3047.80      3047.80      3047.80      3047.80      3047.80
 3047.80      3047.80      3047.80      3047.80
  3766911.00 |       3047.80      3047.80      3047.80      3047.80      3047.80
 3047.80      3047.80      3047.80      3047.80
  3766869.52 |       3047.80      3047.80      3047.80      3047.80      3047.80
 3047.80      3047.80      3047.80      3047.80
  3766828.04 |       2700.30      3047.50      3047.80      3047.80      3047.80
 3047.80      3047.80      3047.80      3047.80
  3766786.56 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      3047.50      3047.80      3047.80
  3766745.08 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30      2700.30      2700.30
  3766703.60 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30      2700.30      2700.30
  3766662.12 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30      2700.30      2700.30
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                 PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART
***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     434283.05    434326.57    434370.09    434413.61    434457.13
434500.65    434544.17    434587.69    434631.21
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3767865.04 |       3068.40      3068.40      3068.40      3068.40      3068.40
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3068.40 3068.40 3068.40 3068.40
3767823.56 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767782.08 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767740.60 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767699.12 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767657.64 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767616.16 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767574.68 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767533.20 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767491.72 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767450.24 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767408.76 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767367.28 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767325.80 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767284.32 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767242.84 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767201.36 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767159.88 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767118.40 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767076.92 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3767035.44 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3766993.96 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3766952.48 | 3068.40 3068.40 3068.40 3068.40 3068.40 3068.40
3068.40 3068.40 3068.40 3068.40
3766911.00 | 3047.80 3047.80 3047.80 3047.80 3047.80 3068.30
3068.40 3068.40 3068.40 3068.40
3766869.52 | 3047.80 3047.80 3047.80 3047.80 3047.80 3047.80
3047.80 3047.80 3047.80 3047.80
3766828.04 | 3047.80 3047.80 3047.80 3047.80 3047.80

Y-COORD (METERS)	X-COORD (METERS)		
	434674.73	434718.25	434761.77
3767865.04	3068.40	3068.40	3068.40
3767823.56	3068.40	3068.40	3068.40
3767782.08	3068.40	3068.40	3068.40
3767740.60	3068.40	3068.40	3068.40
3767699.12	3068.40	3068.40	3068.40
3767657.64	3068.40	3068.40	3068.40
3767616.16	3068.40	3068.40	3068.40
3767574.68	3068.40	3068.40	3068.40
3767533.20	3068.40	3068.40	3068.40
3767491.72	3068.40	3068.40	3068.40
3767450.24	3068.40	3068.40	3068.40
3767408.76	3068.40	3068.40	3068.40
3767367.28	3068.40	3068.40	3068.40
3767325.80	3068.40	3068.40	3068.40
3767284.32	3068.40	3068.40	3068.40
3767242.84	3068.40	3068.40	3068.40
3767201.36	3068.40	3068.40	3068.40
3767159.88	3068.40	3068.40	3068.40
3767118.40	3068.40	3068.40	3068.40
3767076.92	3068.40	3068.40	3068.40
3767035.44	3068.40	3068.40	3068.40
3766993.96	3068.40	3068.40	3068.40
3766952.48	3068.40	3068.40	3068.40

```
  3766911.00 |       3068.40      3068.40      3068.40
  3766869.52 |       3047.80      3068.40      3068.40
  3766828.04 |       3047.80      3047.80      3047.80
  3766786.56 |       3047.80      3047.80      3047.80
  3766745.08 |       3047.80      3047.80      3047.80
  3766703.60 |       3047.80      3047.80      3047.80
  3766662.12 |       2700.30      2700.30      2700.30
```


*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART2   ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

```
       432572.3,  432816.9,  433061.5,  433306.2,  433550.8,  433795.4,  434040.0,
434284.6,  434529.2,  434773.8,
       435018.4,  435263.0,  435507.6,  435752.2,  435996.9,  436241.5,
```

*** Y-COORDINATES OF GRID ***
(METERS)

```
      3765302.7, 3765519.3, 3765735.9, 3765952.4, 3766169.0, 3766385.6, 3766602.2,
3766818.8, 3767035.3, 3767251.9,
      3767468.5, 3767685.1, 3767901.7, 3768118.2, 3768334.8, 3768551.4,
```


*** NETWORK ID: UCART2   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     432572.32    432816.93    433061.54    433306.15    433550.76
433795.37    434039.98    434284.59    434529.20
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - -

  3768551.40 |        266.40       267.00       267.90       268.80       270.10
  270.90       271.60       273.20       274.20
  3768334.82 |        263.50       264.20       264.10       266.70       267.30
  268.20       268.30       269.30       270.40
  3768118.24 |        261.20       261.90       262.90       263.70       264.70
  265.30       265.50       266.70       268.10
  3767901.66 |        259.40       259.80       260.90       261.20       262.00
  262.20       262.20       263.30       265.20
  3767685.08 |        256.30       258.10       257.60       258.80       258.80
  259.40       259.60       261.10       262.90
  3767468.50 |        254.50       255.90       255.20       256.80       257.10
  257.00       257.10       258.70       259.90
  3767251.92 |        252.70       253.50       253.80       254.70       254.00
  253.80       254.80       256.10       257.40
  3767035.34 |        250.40       251.20       251.80       251.60       251.90
  252.00       252.80       253.60       254.70
  3766818.76 |        248.80       249.80       250.20       249.70       249.60
  249.50       250.10       251.50       252.20
  3766602.18 |        246.60       247.70       247.90       247.10       247.70
  247.30       248.00       249.60       249.90
  3766385.60 |        245.10       245.60       245.30       244.30       245.50
  245.60       245.30       246.50       246.80
  3766169.02 |        244.10       243.60       243.00       242.40       243.00
  243.60       243.10       244.20       245.00
  3765952.44 |        240.60       239.90       241.10       239.60       240.50
  241.00       240.30       241.60       241.70
  3765735.86 |        238.40       236.30       237.60       236.80       237.80
  238.40       238.40       233.20       232.60
  3765519.28 |        235.60       236.80       236.20       236.00       235.00
  233.30       236.90       235.10       237.00
  3765302.70 |        231.50       229.50       233.70       233.70       232.90
  233.50       233.90       231.90       234.90
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART2   ;  NETWORK TYPE: GRIDCART
***

                                             * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     434773.81    435018.42    435263.03    435507.64    435752.25
435996.86    436241.47
```

- -

3768551.40	275.30	276.90	278.30	280.00	281.20	284.20	284.40
3768334.82	272.00	273.90	274.80	276.70	279.00	281.40	280.50
3768118.24	269.10	271.00	272.50	273.70	276.60	278.90	279.30
3767901.66	266.20	268.10	269.10	271.00	273.50	275.80	276.20
3767685.08	263.90	265.10	266.60	268.50	270.60	272.70	271.50
3767468.50	261.20	262.40	264.20	265.30	267.90	269.00	267.80
3767251.92	258.50	259.70	260.60	262.70	264.70	266.30	265.30
3767035.34	256.20	257.20	257.20	259.30	261.20	262.70	262.00
3766818.76	253.40	256.00	254.80	257.10	258.70	258.10	259.10
3766602.18	250.70	251.20	251.40	253.50	254.80	255.30	255.00
3766385.60	248.40	248.30	248.00	250.00	250.50	252.80	253.70
3766169.02	246.10	245.00	245.20	246.00	248.60	250.20	250.20
3765952.44	243.20	242.50	242.70	244.30	246.20	247.30	248.50
3765735.86	233.30	234.00	234.90	235.60	236.30	237.10	238.00
3765519.28	238.40	237.70	238.40	240.00	240.70	242.00	242.10
3765302.70	235.20	235.30	235.70	236.90	238.00	239.30	239.50

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	432572.32	432816.93	433061.54	433306.15	433550.76

433795.37   434039.98   434284.59   434529.20
- -

Y-COORD									
3768551.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3768334.82	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3768118.24	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767901.66	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767685.08	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767468.50	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767251.92	3047.80	3047.80	3047.80	3068.40	3068.40	3068.40	3068.40	3068.40	3068.40
3767035.34	2700.30	2700.30	2700.30	3047.80	3047.80	3047.80	3068.40	3068.40	3068.40
3766818.76	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30	3047.80	3047.80	3047.80
3766602.18	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30
3766385.60	2649.90	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30
3766169.02	2649.90	2649.90	2693.10	2700.30	2700.30	2700.30	2700.30	2700.30	2700.30
3765952.44	2649.90	2649.90	2649.90	2649.90	2700.30	2700.30	2700.30	2700.30	2700.30
3765735.86	2649.90	2649.90	2649.90	2649.90	2649.90	2700.30	2700.30	2700.30	2700.30
3765519.28	2573.70	2649.90	2649.90	2649.90	2649.90	2649.90	2693.10	2700.30	2700.30
3765302.70	231.50	2573.70	2573.70	2649.90	2649.90	2649.90	2649.90	2649.90	2700.30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     434773.81    435018.42    435263.03    435507.64    435752.25
435996.86    436241.47
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  3768551.40 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3768334.82 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3768118.24 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3767901.66 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3767685.08 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3767468.50 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3767251.92 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3767035.34 |       3068.40      3068.40      3068.40      3068.40      3068.40
 3068.40      3068.40
  3766818.76 |       3047.80      3047.80      3068.40      3068.40      3068.40
 3068.40      3068.40
  3766602.18 |       2700.30      2700.30      3047.80      3047.80      3047.80
 3047.80      3067.80
  3766385.60 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30
  3766169.02 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30
  3765952.44 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30
  3765735.86 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30
  3765519.28 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30
  3765302.70 |       2700.30      2700.30      2700.30      2700.30      2700.30
 2700.30      2700.30
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:58:13

                                  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 433920.3, 3767462.4,     256.8,    3068.4,       0.0);         ( 433919.7,
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3767443.4,     256.6,    3068.4,       0.0);
     ( 433923.0, 3767423.2,     256.4,    3068.4,       0.0);         ( 433921.2,
3767406.9,     256.1,    3068.4,       0.0);
     ( 433923.0, 3767373.9,     255.7,    3068.4,       0.0);         ( 433922.1,
3767333.8,     255.3,    3068.4,       0.0);
     ( 433918.8, 3767313.6,     255.1,    3068.4,       0.0);         ( 433920.9,
3767207.5,     254.3,    3068.4,       0.0);
     ( 433918.8, 3767185.9,     254.2,    3068.4,       0.0);         ( 433918.2,
3767122.3,     253.5,    3068.4,       0.0);
     ( 433960.1, 3767093.5,     253.2,    3068.4,       0.0);         ( 433978.5,
3767086.1,     253.2,    3068.4,       0.0);
     ( 434003.5, 3767088.1,     253.4,    3068.4,       0.0);         ( 434021.9,
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     ( 434081.3, 3767086.9,     253.5,    3068.4,       0.0);         ( 434103.3,
3767088.7,     253.6,    3068.4,       0.0);
     ( 434119.3, 3767084.6,     253.6,    3068.4,       0.0);         ( 434141.9,
3767087.8,     253.7,    3068.4,       0.0);
     ( 434152.9, 3767082.5,     253.4,    3068.4,       0.0);         ( 434240.2,
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3767195.1,     255.4,    3068.4,       0.0);
     ( 434296.0, 3767224.2,     255.9,    3068.4,       0.0);         ( 434302.8,
3767260.1,     256.3,    3068.4,       0.0);
     ( 434260.5, 3767312.7,     257.0,    3068.4,       0.0);         ( 434258.4,
3767346.8,     257.3,    3068.4,       0.0);
     ( 434264.8, 3767380.1,     257.7,    3068.4,       0.0);         ( 434256.7,
3767422.1,     258.0,    3068.4,       0.0);
     ( 434264.8, 3767437.6,     258.3,    3068.4,       0.0);         ( 434265.3,
3767401.3,     257.9,    3068.4,       0.0);
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3767474.3,     258.7,    3068.4,       0.0);
     ( 434272.1, 3767503.5,     259.1,    3068.4,       0.0);         ( 434265.6,
3767537.9,     259.3,    3068.4,       0.0);
     ( 434242.8, 3767534.4,     259.2,    3068.4,       0.0);         ( 434224.8,
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     ( 434205.5, 3767532.0,     258.9,    3068.4,       0.0);         ( 434183.7,
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     ( 434145.3, 3767524.5,     258.4,    3068.4,       0.0);         ( 434098.4,
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     ( 434076.8, 3767522.3,     258.6,    3068.4,       0.0);         ( 434062.7,
3767527.8,     258.7,    3068.4,       0.0);
     ( 434043.7, 3767532.8,     258.6,    3068.4,       0.0);         ( 434023.5,
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     ( 434007.1, 3767532.6,     258.4,    3068.4,       0.0);         ( 433989.8,
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     ( 433945.2, 3767515.2,     257.4,    3068.4,       0.0);         ( 433926.5,
3767507.5,     257.5,    3068.4,       0.0);
     ( 434147.6, 3767546.1,     258.7,    3068.4,       0.0);         ( 434114.0,
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     (434302.3, 3767294.1,   256.9,   3068.4,   0.0);   (434176.6,
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     (434306.1, 3767158.1,   255.2,   3068.4,   0.0);   (434304.5,
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     (434244.1, 3767084.3,   253.8,   3068.4,   0.0);   (434261.6,
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     (434293.2, 3767085.2,   254.1,   3068.4,   0.0);   (434305.2,
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     (433917.5, 3767172.1,   254.0,   3068.4,   0.0);   (434047.0,
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     (433984.0, 3766865.5,   250.2,   3047.8,   0.0);   (433959.2,
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     (433880.8, 3767287.6,   254.6,   3068.4,   0.0);   (434192.3,
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     (434243.2, 3768010.2,   264.6,   3068.4,   0.0);   (434968.7,
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     (433967.4, 3767062.2,   252.9,   3068.4,   0.0);   (434087.6,
3767062.7,   253.2,   3068.4,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                          (METERS)

```
     ( 434200.5, 3767061.7,     253.3,    3068.4,       0.0);         ( 434005.7,
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     ( 434019.5, 3767062.8,     253.1,    3068.4,       0.0);         ( 434126.5,
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     ( 434245.9, 3767062.8,     253.6,    3068.4,       0.0);         ( 434276.7,
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     ( 434324.3, 3767004.6,     253.5,    3068.4,       0.0);         ( 434329.2,
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     ( 434315.8, 3766925.7,     252.7,    3047.8,       0.0);         ( 434321.7,
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     ( 434321.0, 3766716.9,     250.7,    2700.3,       0.0);         ( 434319.2,
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     ( 434353.5, 3766617.5,     249.2,    2700.3,       0.0);         ( 434320.7,
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     ( 434353.8, 3766572.2,     248.7,    2700.3,       0.0);         ( 434324.0,
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     ( 434324.0, 3766552.5,     248.6,    2700.3,       0.0);         ( 434358.9,
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     ( 434407.9, 3766936.8,     253.3,    3068.4,       0.0);         ( 434398.4,
3766873.3,     252.7,    3047.8,       0.0);
```


 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR

PROCESSING ***
(1=YES; 0=NO)

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           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: C:\Lakes\AERMOD View\Met Data\kcno_sfc_pfl\KCNO_V11_trimmed.sfc
Met Version: 22112
Profile file: C:\Lakes\AERMOD View\Met Data\kcno_sfc_pfl\KCNO_V11_trimmed.pfl

Surface format: FREE

Profile format: FREE

Surface station no.: 3179 Upper air station no.: 3190

Name: KCNO_CHINO_AIRPORT Name: UNKNOWN

Year: 2017 Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
17	01	01	1	01	-17.3	0.174	-9.000	-9.000	-999.	175.	33.5	0.02	0.54	1.00	2.86	261.	7.9	279.2	2.0
17	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.05	0.54	1.00	0.00	0.	7.9	279.2	2.0
17	01	01	1	03	-18.3	0.185	-9.000	-9.000	-999.	191.	37.7	0.11	0.54	1.00	2.09	340.	7.9	279.2	2.0
17	01	01	1	04	-5.5	0.091	-9.000	-9.000	-999.	70.	12.0	0.02	0.54	1.00	1.52	89.	7.9	279.2	2.0
17	01	01	1	05	-12.5	0.150	-9.000	-9.000	-999.	139.	24.7	0.14	0.54	1.00	1.62	13.	7.9	277.5	2.0
17	01	01	1	06	-9.0	0.126	-9.000	-9.000	-999.	107.	19.4	0.12	0.54	1.00	1.43	317.	7.9	277.5	2.0
17	01	01	1	07	-3.0	0.067	-9.000	-9.000	-999.	43.	9.0	0.02	0.54	1.00	1.13	255.	7.9	277.0	2.0
17	01	01	1	08	-5.8	0.097	-9.000	-9.000	-999.	73.	14.0	0.02	0.54	0.53	1.60	93.	7.9	277.5	2.0
17	01	01	1	09	22.2	0.091	0.366	0.005	78.	66.	-3.0	0.02	0.54	0.31	0.97	35.	7.9	280.3	2.0
17	01	01	1	10	54.8	0.172	0.954	0.005	559.	172.	-8.2	0.02	0.54	0.24	2.11	70.	7.9	283.8	2.0
17	01	01	1	11	76.8	0.224	1.251	0.005	899.	254.	-12.9	0.02	0.54	0.21	2.83	99.	7.9	285.9	2.0
17	01	01	1	12	73.6	0.126	1.297	0.005	1045.	111.	-2.4	0.02	0.54	0.20	1.31	107.	7.9	285.9	2.0
17	01	01	1	13	86.2	0.147	1.404	0.005	1133.	135.	-3.3	0.02	0.54	0.20	1.60	234.	7.9	286.4	2.0
17	01	01	1	14	62.5	0.198	1.284	0.005	1194.	211.	-10.9	0.02	0.54	0.21	2.49	291.	7.9	288.1	2.0
17	01	01	1	15	42.3	0.319	1.138	0.005	1231.	433.	-67.8	0.02	0.54	0.25	4.65	247.	7.9	286.4	2.0
17	01	01	1	16	1.0	0.222	0.331	0.005	1232.	256.	-941.4	0.02	0.54	0.34	3.40	241.	7.9	286.4	2.0
17	01	01	1	17	-14.2	0.170	-9.000	-9.000	-999.	170.	31.9	0.02	0.54	0.61	2.69	233.	7.9	285.9	2.0
17	01	01	1	18	-16.2	0.167	-9.000	-9.000	-999.	164.	30.6	0.02	0.54	1.00	2.74	250.	7.9	285.3	2.0
17	01	01	1	19	-25.0	0.257	-9.000	-9.000	-999.	312.	72.6	0.02	0.54	1.00	4.14	243.	7.9	284.8	2.0
17	01	01	1	20	-22.6	0.232	-9.000	-9.000	-999.	269.	59.3	0.02	0.54	1.00	3.63	226.	7.9	284.8	2.0
17	01	01	1	21	-14.9	0.156	-9.000	-9.000	-999.	149.	26.7	0.03	0.54						

```
1.00    2.28  151.    7.9  284.2    2.0
 17 01 01   1 22  -15.7  0.169 -9.000 -9.000 -999.  167.     31.5  0.14   0.54
1.00    1.81   14.    7.9  283.8    2.0
 17 01 01   1 23   -7.9  0.117 -9.000 -9.000 -999.   97.     18.1  0.11   0.54
1.00    1.37  358.    7.9  283.8    2.0
 17 01 01   1 24   -7.7  0.108 -9.000 -9.000 -999.   85.     14.6  0.02   0.54
1.00    1.77   94.    7.9  282.5    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 17 01 01 01    7.9 1  261.    2.86   279.3   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                 PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43800 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     A0000001    , A0000002
, A0000003    , A0000004    , A0000005    ,
                  A0000006    , A0000007    , A0000008    , A0000009    , A0000010
, A0000011    , A0000012    , A0000013    ,
                  A0000014    , A0000015    , A0000016    , A0000017    , A0000018
, A0000019    , A0000020    , A0000021    ,
                  A0000022    , A0000023    , A0000024    , A0000025    , A0000026
, A0000027    , A0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     433499.69    433543.21    433586.73    433630.25    433673.77
433717.29    433760.81    433804.33    433847.85
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  3767865.04 |       0.00061      0.00065      0.00068      0.00072      0.00076
 0.00079      0.00083      0.00088      0.00092
  3767823.56 |       0.00068      0.00071      0.00076      0.00080      0.00085
 0.00090      0.00095      0.00101      0.00107
  3767782.08 |       0.00075      0.00080      0.00085      0.00091      0.00097
```

0.00103 0.00110 0.00118 0.00125
3767740.60 | 0.00084 0.00090 0.00096 0.00103 0.00111
0.00119 0.00129 0.00139 0.00150
3767699.12 | 0.00094 0.00101 0.00109 0.00118 0.00128
0.00140 0.00152 0.00167 0.00182
3767657.64 | 0.00106 0.00115 0.00125 0.00136 0.00149
0.00165 0.00182 0.00202 0.00225
3767616.16 | 0.00119 0.00130 0.00142 0.00157 0.00175
0.00195 0.00220 0.00249 0.00284
3767574.68 | 0.00132 0.00146 0.00162 0.00181 0.00205
0.00233 0.00268 0.00311 0.00366
3767533.20 | 0.00147 0.00163 0.00184 0.00208 0.00238
0.00277 0.00326 0.00391 0.00479
3767491.72 | 0.00162 0.00182 0.00206 0.00236 0.00275
0.00325 0.00392 0.00485 0.00623
3767450.24 | 0.00176 0.00199 0.00228 0.00264 0.00311
0.00373 0.00459 0.00583 0.00782
3767408.76 | 0.00190 0.00216 0.00249 0.00291 0.00345
0.00419 0.00522 0.00676 0.00930
3767367.28 | 0.00201 0.00230 0.00266 0.00313 0.00373
0.00456 0.00574 0.00751 0.01047
3767325.80 | 0.00209 0.00240 0.00279 0.00328 0.00394
0.00481 0.00611 0.00804 0.01124
3767284.32 | 0.00214 0.00245 0.00285 0.00337 0.00404
0.00498 0.00629 0.00831 0.01159
3767242.84 | 0.00215 0.00247 0.00287 0.00339 0.00407
0.00502 0.00638 0.00840 0.01168
3767201.36 | 0.00213 0.00244 0.00284 0.00336 0.00403
0.00497 0.00631 0.00828 0.01143
3767159.88 | 0.00209 0.00239 0.00277 0.00328 0.00394
0.00481 0.00604 0.00786 0.01076
3767118.40 | 0.00202 0.00231 0.00268 0.00315 0.00376
0.00457 0.00565 0.00721 0.00967
3767076.92 | 0.00195 0.00221 0.00255 0.00297 0.00351
0.00421 0.00512 0.00639 0.00821
3767035.44 | 0.00186 0.00211 0.00241 0.00279 0.00326
0.00385 0.00458 0.00555 0.00682
3766993.96 | 0.00177 0.00200 0.00228 0.00261 0.00302
0.00350 0.00407 0.00478 0.00562
3766952.48 | 0.00169 0.00190 0.00214 0.00243 0.00277
0.00316 0.00360 0.00411 0.00466
3766911.00 | 0.00161 0.00180 0.00202 0.00227 0.00255
0.00286 0.00319 0.00353 0.00388
3766869.52 | 0.00154 0.00170 0.00190 0.00211 0.00233
0.00257 0.00280 0.00304 0.00327
3766828.04 | 0.00147 0.00161 0.00178 0.00195 0.00213
0.00230 0.00246 0.00262 0.00279
3766786.56 | 0.00140 0.00153 0.00166 0.00180 0.00193
0.00206 0.00217 0.00228 0.00241
3766745.08 | 0.00133 0.00144 0.00155 0.00166 0.00175

*** THE PERIOD (43800 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	433891.37	433934.89	433978.41	434021.93	434065.45	434108.97	434152.49	434196.01	434239.53	
3767865.04	0.00096	0.00102	0.00107	0.00112	0.00118	0.00122	0.00126	0.00128	0.00131	
3767823.56	0.00113	0.00120	0.00127	0.00134	0.00141	0.00146	0.00151	0.00155	0.00158	
3767782.08	0.00134	0.00143	0.00153	0.00163	0.00172	0.00180	0.00187	0.00192	0.00196	
3767740.60	0.00162	0.00175	0.00189	0.00202	0.00215	0.00226	0.00238	0.00246	0.00251	
3767699.12	0.00200	0.00219	0.00241	0.00262	0.00283	0.00300	0.00316	0.00328	0.00335	
3767657.64	0.00252	0.00282	0.00316	0.00351	0.00386	0.00416	0.00444	0.00463	0.00473	
3767616.16	0.00326	0.00376	0.00434	0.00498	0.00564	0.00626	0.00678	0.00710	0.00719	

 3767574.68 | 0.00437   0.00529   0.00644   0.00781   0.00928
0.01066   0.01172   0.01229   0.01223
 3767533.20 | 0.00607   0.00801   0.01098   0.01518   0.01944
0.02291   0.02532   0.02671   0.02551
 3767491.72 | 0.00852   0.01297   0.02063   0.03347   0.04284
0.04879   0.05272   0.05458   0.04984
 3767450.24 | 0.01132   0.01922   0.03409   0.05485   0.06563
0.07143   0.07454   0.07323   0.06326
 3767408.76 | 0.01397   0.02463   0.04414   0.06433   0.07451
0.07967   0.08218   0.07956   0.06742
 3767367.28 | 0.01600   0.02821   0.04942   0.06743   0.07674
0.08140   0.08256   0.07882   0.06617
 3767325.80 | 0.01723   0.03007   0.05149   0.06905   0.07773
0.08114   0.07982   0.07300   0.05918
 3767284.32 | 0.01771   0.03059   0.05171   0.06835   0.07595
0.07659   0.07052   0.05529   0.04199
 3767242.84 | 0.01775   0.03043   0.05140   0.06753   0.07405
0.07244   0.06096   0.04201   0.03019
 3767201.36 | 0.01733   0.02962   0.05007   0.06557   0.07140
0.06855   0.05585   0.03625   0.02516
 3767159.88 | 0.01616   0.02770   0.04688   0.06103   0.06560
0.06224   0.04950   0.03082   0.02098
 3767118.40 | 0.01411   0.02356   0.03876   0.04908   0.05174
0.04834   0.03781   0.02357   0.01657
 3767076.92 | 0.01121   0.01642   0.02390   0.02756   0.02846
0.02665   0.02124   0.01592   0.01246
 3767035.44 | 0.00859   0.01105   0.01357   0.01518   0.01565
0.01500   0.01326   0.01120   0.00947
 3766993.96 | 0.00664   0.00786   0.00897   0.00980   0.01013
0.00993   0.00919   0.00815   0.00714
 3766952.48 | 0.00525   0.00596   0.00655   0.00703   0.00730
0.00727   0.00690   0.00632   0.00569
 3766911.00 | 0.00426   0.00472   0.00509   0.00541   0.00563
0.00566   0.00547   0.00511   0.00470
 3766869.52 | 0.00352   0.00388   0.00411   0.00435   0.00452
0.00457   0.00446   0.00425   0.00397
 3766828.04 | 0.00297   0.00326   0.00343   0.00360   0.00374
0.00380   0.00374   0.00361   0.00342
 3766786.56 | 0.00255   0.00280   0.00293   0.00306   0.00317
0.00322   0.00320   0.00311   0.00298
 3766745.08 | 0.00222   0.00245   0.00254   0.00264   0.00273
0.00278   0.00277   0.00272   0.00263
 3766703.60 | 0.00197   0.00217   0.00224   0.00232   0.00239
0.00243   0.00244   0.00240   0.00234
 3766662.12 | 0.00175   0.00194   0.00199   0.00205   0.00211
0.00215   0.00216   0.00214   0.00209

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43800 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	434283.05	434326.57	434370.09	434413.61	434457.13	434500.65	434544.17	434587.69	434631.21
3767865.04	0.00132	0.00133	0.00133	0.00132	0.00131	0.00131	0.00129	0.00127	0.00124
3767823.56	0.00160	0.00160	0.00160	0.00160	0.00159	0.00157	0.00154	0.00150	0.00145
3767782.08	0.00198	0.00199	0.00199	0.00197	0.00195	0.00191	0.00185	0.00177	0.00170
3767740.60	0.00254	0.00254	0.00253	0.00249	0.00242	0.00234	0.00223	0.00212	0.00199
3767699.12	0.00338	0.00335	0.00330	0.00321	0.00306	0.00289	0.00270	0.00251	0.00232
3767657.64	0.00473	0.00462	0.00444	0.00420	0.00389	0.00357	0.00325	0.00296	0.00268
3767616.16	0.00703	0.00665	0.00614	0.00555	0.00495	0.00439	0.00389	0.00345	0.00306
3767574.68	0.01141	0.01008	0.00860	0.00729	0.00620	0.00530	0.00456	0.00395	0.00344
3767533.20	0.02086	0.01545	0.01179	0.00934	0.00756	0.00624	0.00523	0.00444	0.00381
3767491.72	0.03508	0.02157	0.01508	0.01129	0.00881	0.00711	0.00581	0.00485	0.00411
3767450.24	0.04259	0.02565	0.01741	0.01272	0.00974	0.00771	0.00623	0.00515	0.00431
3767408.76	0.04523	0.02740	0.01845	0.01335	0.01014				

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)		
	434674.73	434718.25	434761.77
3767865.04	0.00122	0.00118	0.00115
3767823.56	0.00140	0.00135	0.00130
3767782.08	0.00162	0.00154	0.00146
3767740.60	0.00187	0.00175	0.00164
3767699.12	0.00214	0.00198	0.00183
3767657.64	0.00244	0.00222	0.00203
3767616.16	0.00274	0.00246	0.00221
3767574.68	0.00303	0.00268	0.00239
3767533.20	0.00330	0.00289	0.00255
3767491.72	0.00352	0.00306	0.00268
3767450.24	0.00368	0.00318	0.00277
3767408.76	0.00377	0.00324	0.00282
3767367.28	0.00377	0.00324	0.00282
3767325.80	0.00369	0.00319	0.00278
3767284.32	0.00355	0.00308	0.00270
3767242.84	0.00337	0.00294	0.00259
3767201.36	0.00316	0.00277	0.00246
3767159.88	0.00293	0.00259	0.00231
3767118.40	0.00270	0.00241	0.00216
3767076.92	0.00247	0.00222	0.00201
3767035.44	0.00226	0.00204	0.00186
3766993.96	0.00207	0.00188	0.00172
3766952.48	0.00189	0.00173	0.00159
3766911.00	0.00174	0.00160	0.00147
3766869.52	0.00160	0.00148	0.00137
3766828.04	0.00148	0.00137	0.00128
3766786.56	0.00138	0.00128	0.00119
3766745.08	0.00128	0.00120	0.00112
3766703.60	0.00121	0.00113	0.00106
3766662.12	0.00114	0.00106	0.00100

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43800 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	432572.32	432816.93	433061.54	433306.15	433550.76	433795.37	434039.98	434284.59	434529.20
3768551.40	0.00014	0.00016	0.00018	0.00021	0.00020	0.00022	0.00025	0.00027	0.00028
3768334.82	0.00017	0.00019	0.00022	0.00026	0.00028	0.00029	0.00034	0.00037	0.00037
3768118.24	0.00022	0.00024	0.00028	0.00033	0.00039	0.00044	0.00052	0.00058	0.00057
3767901.66	0.00028	0.00033	0.00038	0.00047	0.00060	0.00077	0.00099	0.00114	0.00112
3767685.08	0.00034	0.00042	0.00055	0.00074	0.00107	0.00174	0.00298	0.00376	0.00295
3767468.50	0.00039	0.00051	0.00071	0.00109	0.00196	0.00514	0.05236	0.03924	0.00651
3767251.92	0.00043	0.00058	0.00082	0.00131	0.00253	0.00790	0.07136	0.02274	0.00584
3767035.34	0.00044	0.00057	0.00078	0.00118	0.00216	0.00534	0.01549	0.00806	0.00334
3766818.76	0.00039	0.00049	0.00066	0.00097	0.00162	0.00251	0.00353	0.00312	0.00193
3766602.18	0.00034	0.00043	0.00058	0.00084	0.00115	0.00135	0.00178	0.00177	0.00131
3766385.60	0.00031	0.00040	0.00053	0.00068	0.00078	0.00089	0.00113	0.00113	0.00094

                             *** THE PERIOD (43800 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   A0000001   , A0000002
, A0000003   , A0000004   , A0000005   ,
                   A0000006   , A0000007   , A0000008   , A0000009   , A0000010
, A0000011   , A0000012   , A0000013   ,
                   A0000014   , A0000015   , A0000016   , A0000017   , A0000018
, A0000019   , A0000020   , A0000021   ,
                   A0000022   , A0000023   , A0000024   , A0000025   , A0000026
, A0000027   , A0000028   , . . .   ,

                                 *** NETWORK ID: UCART2   ; NETWORK TYPE:
GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

    Y-COORD | X-COORD (METERS)
    (METERS) | 434773.81   435018.42   435263.03   435507.64   435752.25
435996.86   436241.47
 -
- -

  3768551.40 | 0.00026   0.00027   0.00027   0.00026   0.00025
 0.00023   0.00022
  3768334.82 | 0.00037   0.00037   0.00035   0.00033   0.00030
 0.00028   0.00025
  3768118.24 | 0.00057   0.00054   0.00049   0.00043   0.00037
 0.00032   0.00027
  3767901.66 | 0.00102   0.00083   0.00066   0.00052   0.00042
 0.00034   0.00029
  3767685.08 | 0.00185   0.00119   0.00081   0.00060   0.00046

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43800 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- -

433920.29	3767462.42	0.01440	433919.70	3767443.40	0.01641
433922.96	3767423.21	0.01947	433921.18	3767406.87	0.02061
433922.96	3767373.90	0.02378	433922.07	3767333.80	0.02528
433918.80	3767313.60	0.02466	433920.88	3767207.55	0.02510
433918.80	3767185.87	0.02383	433918.21	3767122.30	0.01966
433960.09	3767093.49	0.02618	433978.51	3767086.06	0.02772
434003.46	3767088.14	0.03204	434021.88	3767086.65	0.03278
433915.83	3767092.00	0.01559	434059.31	3767086.06	0.03364
434081.29	3767086.95	0.03387	434103.27	3767088.73	0.03357
434119.31	3767084.57	0.02945	434141.89	3767087.84	0.02720
434152.88	3767082.49	0.02292	434240.16	3767175.31	0.02242
434271.71	3767173.17	0.01766	434287.81	3767195.06	0.01735
434295.96	3767224.25	0.01848	434302.83	3767260.09	0.02079
434260.55	3767312.67	0.04646	434258.41	3767346.79	0.05656
434264.84	3767380.06	0.05599	434256.69	3767422.12	0.05949
434264.84	3767437.57	0.05428	434265.27	3767401.30	0.05584
434262.27	3767457.32	0.05327	434262.48	3767474.27	0.04987
434272.14	3767503.46	0.03568	434265.63	3767537.86	0.02128
434242.82	3767534.40	0.02465	434224.85	3767533.52	0.02614
434205.52	3767532.00	0.02742	434183.71	3767530.76	0.02796
434145.33	3767524.48	0.03013	434098.39	3767529.71	0.02393
434076.77	3767522.28	0.02608	434062.67	3767527.81	0.02162
434043.72	3767532.76	0.01754	434023.53	3767532.47	0.01557
434007.06	3767532.57	0.01386	433989.82	3767529.52	0.01285

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         433945.16    3767515.24        0.01079                      433926.49
3767507.52        0.00999
         434147.56    3767546.10        0.01921                      434113.99
3767565.44        0.01251
         434289.48    3767356.42        0.04071                      434289.17
3767320.13        0.03541
         434302.31    3767294.11        0.02571                      434176.56
3767082.56        0.01920
         434306.15    3767158.06        0.01323                      434304.50
3767122.84        0.01137
         434197.03    3767080.87        0.01642                      434217.65
3767080.32        0.01440
         434244.10    3767084.34        0.01276                      434261.62
3767085.43        0.01170
         434293.19    3767085.25        0.00997                      434305.23
3767097.47        0.01003
         433917.55    3767172.15        0.02288                      434047.00
3767031.88        0.01495
         434106.43    3767031.88        0.01449                      433962.04
3767033.28        0.01244
         433914.77    3767013.03        0.00828                      433959.38
3766996.33        0.00869
         433955.08    3766949.00        0.00613                      433917.24
3766868.79        0.00369
         433983.95    3766865.55        0.00407                      433959.25
3766790.40        0.00293
         434299.18    3767500.29        0.02687                      434306.05
3767451.11        0.03196
         434295.10    3767422.34        0.03851                      434310.56
3767389.70        0.03266
         433880.79    3767287.56        0.01577                      434192.26
3767145.61        0.02971
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                 PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43800 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     A0000001    , A0000002
, A0000003    , A0000004    , A0000005    ,
                  A0000006    , A0000007    , A0000008    , A0000009    , A0000010
, A0000011    , A0000012    , A0000013    ,
                  A0000014    , A0000015    , A0000016    , A0000017    , A0000018
, A0000019    , A0000020    , A0000021    ,
                  A0000022    , A0000023    , A0000024    , A0000025    , A0000026
, A0000027    , A0000028    ,  . . .      ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
434349.70	3767469.19	0.01947	434376.80	3767507.44	0.01331
434260.14	3767125.02	0.01501	433915.00	3766958.50	0.00580
433915.55	3766807.54	0.00287	434186.22	3768066.83	0.00065
434243.24	3768010.16	0.00078	434968.68	3768200.11	0.00047
433967.41	3767062.22	0.01804	434087.65	3767062.71	0.02209
434200.52	3767061.73	0.01357	434005.69	3767032.78	0.01427
434019.45	3767062.77	0.02172	434126.54	3767063.29	0.02019
434145.75	3767032.80	0.01324	434166.76	3767064.06	0.01662
434178.28	3767033.31	0.01178	434227.21	3767031.78	0.00964
434245.92	3767062.77	0.01101	434276.66	3767031.26	0.00803
434298.43	3767063.29	0.00881	434314.06	3767033.31	0.00719
434361.45	3767022.04	0.00572	434358.63	3767069.69	0.00697
434324.31	3767004.62	0.00588	434329.17	3766955.44	0.00465
434357.35	3766876.02	0.00336	434368.37	3766922.39	0.00382
434315.85	3766925.72	0.00427	434321.74	3766843.74	0.00322
434356.84	3766853.73	0.00315	434356.58	3766840.41	0.00304
434356.33	3766819.66	0.00288	434355.56	3766795.84	0.00272
434322.51	3766758.69	0.00256	434355.82	3766759.20	0.00250
434356.84	3766738.19	0.00238	434362.22	3766777.65	0.00259
434356.58	3766718.47	0.00228	434353.77		

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   A0000001   , A0000002
, A0000003   , A0000004   , A0000005   ,
                  A0000006   , A0000007   , A0000008   , A0000009   , A0000010
, A0000011   , A0000012   , A0000013   ,
                  A0000014   , A0000015   , A0000016   , A0000017   , A0000018
, A0000019   , A0000020   , A0000021   ,
                  A0000022   , A0000023   , A0000024   , A0000025   , A0000026
, A0000027   , A0000028   , . . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

  Y-COORD | X-COORD (METERS)
  (METERS) | 433499.69   433543.21   433586.73
      433630.25   433673.77
 -
- -

 3767865.0 | 0.39578 (23020307)   0.40624 (23020307)   0.43884 (21020807)
     0.47355 (17020807)   0.51012 (22123008)
 3767823.6 | 0.40847 (23020307)   0.43161 (23020307)   0.44804 (21020807)
     0.48588 (17020807)   0.52580 (22123008)
 3767782.1 | 0.42636 (22120707)   0.44517 (23020307)   0.47352 (23020307)
     0.49840 (21020807)   0.54351 (22011907)
 3767740.6 | 0.44707 (23121308)   0.46988 (22120707)   0.49304 (22120707)
     0.52298 (23020307)   0.55919 (21020807)

```
3767699.1 |      0.48576 (21010608)      0.49015 (23121308)      0.52056 (22120707)
    0.55246 (22120707)      0.58229 (23020307)
3767657.6 |      0.53259 (21010608)      0.55174 (21010608)      0.56556 (21010608)
    0.58013 (22120707)      0.62428 (22120707)
3767616.2 |      0.55702 (21010608)      0.59155 (21010608)      0.62426 (21010608)
    0.65325 (21010608)      0.67649 (21010608)
3767574.7 |      0.55677 (21010608)      0.60396 (21010608)      0.65253 (21010608)
    0.70163 (21010608)      0.75115 (21010608)
3767533.2 |      0.55932 (22120908)      0.59784 (23121908)      0.64933 (21010608)
    0.71310 (21010608)      0.78225 (21010608)
3767491.7 |      0.60647 (22120908)      0.64553 (22120908)      0.68921 (22120908)
    0.73728 (22120908)      0.79464 (22120908)
3767450.2 |      0.61827 (22120908)      0.66410 (22120908)      0.71586 (22120908)
    0.77554 (22120908)      0.84486 (22120908)
3767408.8 |      0.60129 (22120908)      0.64951 (22120908)      0.70444 (22120908)
    0.76716 (22120908)      0.83859 (22120908)
3767367.3 |      0.63560 (21120208)      0.68397 (21120208)      0.74157 (21120208)
    0.80733 (21120208)      0.88468 (21120208)
3767325.8 |      0.65200 (21120208)      0.69813 (21120208)      0.75182 (21120208)
    0.81211 (21120208)      0.88271 (21120208)
3767284.3 |      0.63495 (21120208)      0.67617 (21120208)      0.72378 (21120208)
    0.77699 (21120208)      0.85263 (18032607)
3767242.8 |      0.61534 (18032607)      0.66993 (18032607)      0.73055 (18032607)
    0.79619 (18032607)      0.86532 (18032607)
3767201.4 |      0.63455 (18032607)      0.67992 (18032607)      0.72987 (18032607)
    0.78356 (18032607)      0.83954 (17101307)
3767159.9 |      0.62170 (18032607)      0.65717 (18032607)      0.70286 (17101307)
    0.78298 (17101307)      0.86814 (17101307)
3767118.4 |      0.60158 (17101307)      0.66031 (17101307)      0.72293 (17101307)
    0.78651 (17101307)      0.85437 (17101307)
3767076.9 |      0.61381 (17101307)      0.65963 (17101307)      0.70511 (17101307)
    0.74996 (17101307)      0.85750 (23121108)
3767035.4 |      0.59590 (17101307)      0.62613 (17101307)      0.69120 (23121108)
    0.78332 (23121108)      0.87433 (23121108)
3766994.0 |      0.56776 (23121108)      0.64325 (23121108)      0.71687 (23121108)
    0.78476 (23121108)      0.84421 (23121108)
3766952.5 |      0.59735 (23121108)      0.65587 (23121108)      0.70640 (23121108)
    0.74472 (23121108)      0.79978 (23100607)
3766911.0 |      0.59963 (23121108)      0.63574 (23121108)      0.65986 (23121108)
    0.71360 (23100607)      0.76137 (23100607)
3766869.5 |      0.57428 (23121108)      0.58811 (23100607)      0.64159 (23100607)
    0.67630 (23100607)      0.73049 (21122708)
3766828.0 |      0.53820 (23100607)      0.58007 (23100607)      0.60714 (23100607)
    0.64952 (21122708)      0.69875 (21122708)
3766786.6 |      0.52862 (23100607)      0.54869 (23100607)      0.58198 (21122708)
    0.62666 (21122708)      0.64306 (21122708)
3766745.1 |      0.49980 (23100607)      0.52517 (21122708)      0.56589 (21122708)
    0.58399 (21122708)      0.63218 (18012508)
3766703.6 |      0.47732 (21122708)      0.51401 (21122708)      0.53306 (21122708)
    0.56019 (18012508)      0.61196 (18012508)
```

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   A0000001   , A0000002
, A0000003   , A0000004   , A0000005   ,
                   A0000006   , A0000007   , A0000008   , A0000009   , A0000010
, A0000011   , A0000012   , A0000013   ,
                   A0000014   , A0000015   , A0000016   , A0000017   , A0000018
, A0000019   , A0000020   , A0000021   ,
                   A0000022   , A0000023   , A0000024   , A0000025   , A0000026
, A0000027   , A0000028   , . . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

  Y-COORD | X-COORD (METERS)
  (METERS) | 433717.29   433760.81   433804.33
      433847.85   433891.37
 -
- -

 3767865.0 | 0.53036 (22123008)   0.56158 (17022107)   0.59300 (17022107)
     0.59440 (18120307)   0.58367 (18120307)
 3767823.6 | 0.56576 (22123008)   0.58159 (22123008)   0.63462 (17022107)
     0.65291 (17022107)   0.64965 (18120307)
 3767782.1 | 0.59073 (22123008)   0.63054 (22123008)   0.67056 (17022107)
     0.71445 (17022107)   0.71974 (18120307)
 3767740.6 | 0.61413 (22011907)   0.66855 (22123008)   0.70674 (22123008)
     0.77340 (17022107)   0.79940 (17022107)
 3767699.1 | 0.63402 (21020807)   0.70184 (22011907)   0.76357 (22123008)
     0.82606 (17022107)   0.89056 (17022107)
 3767657.6 | 0.65936 (22120707)   0.72851 (21020807)   0.81427 (22011907)
     0.88296 (22123008)   0.98332 (17022107)
 3767616.2 | 0.71236 (22120707)   0.76628 (22120707)   0.85281 (22011907)
     0.96451 (22011907)   1.07133 (17022107)
 3767574.7 | 0.79950 (21010608)   0.84335 (21010608)   0.90713 (22120707)
     1.02673 (22011907)   1.18197 (22011907)
 3767533.2 | 0.85811 (21010608)   0.94185 (21010608)   1.03283 (21010608)

```
    1.12861 (21010608)      1.29242 (22011907)
 3767491.7 |      0.86395 (21010608)      0.97064 (21010608)      1.09919 (21010608)
    1.26148 (21010608)      1.47917 (21010608)
 3767450.2 |      0.92946 (22120908)      1.03383 (22120908)      1.16343 (22120908)
    1.34204 (22120908)      1.58009 (22120908)
 3767408.8 |      0.92756 (22120908)      1.03740 (22120908)      1.17790 (22120908)
    1.37793 (21120208)      1.66267 (17101907)
 3767367.3 |      0.97747 (21120208)      1.09266 (21120208)      1.23818 (21120208)
    1.43366 (21120208)      1.70754 (17101907)
 3767325.8 |      0.96264 (21120208)      1.06936 (21120208)      1.19879 (21120208)
    1.39260 (18032607)      1.65654 (18032607)
 3767284.3 |      0.95221 (18032607)      1.06151 (18032607)      1.19732 (18032607)
    1.39287 (17101307)      1.71442 (17101307)
 3767242.8 |      0.94643 (18032607)      1.04348 (17101307)      1.21206 (17101307)
    1.41880 (17101307)      1.73599 (23121108)
 3767201.4 |      0.94968 (17101307)      1.07357 (17101307)      1.21271 (17101307)
    1.43855 (23121108)      1.78259 (23121108)
 3767159.9 |      0.95551 (17101307)      1.05304 (17101307)      1.23736 (23121108)
    1.46367 (23121108)      1.75568 (23121108)
 3767118.4 |      0.94458 (23121108)      1.09214 (23121108)      1.25325 (23121108)
    1.44268 (23121108)      1.71468 (21122708)
 3767076.9 |      0.97443 (23121108)      1.09079 (23121108)      1.21496 (23121108)
    1.38921 (23100607)      1.71015 (21122708)
 3767035.4 |      0.95935 (23121108)      1.03234 (23121108)      1.16384 (23100607)
    1.35242 (21122708)      1.58179 (18012508)
 3766994.0 |      0.90426 (23100607)      0.99223 (23100607)      1.12148 (21122708)
    1.24644 (18012508)      1.42080 (18012508)
 3766952.5 |      0.86353 (23100607)      0.95503 (21122708)      1.03618 (21122708)
    1.17739 (18012508)      1.21445 (17101707)
 3766911.0 |      0.83017 (21122708)      0.89573 (21122708)      0.99387 (18012508)
    1.05853 (18012508)      1.02067 (17101707)
 3766869.5 |      0.78597 (21122708)      0.84753 (18012508)      0.92591 (18012508)
    0.91805 (18012508)      0.84315 (17101707)
 3766828.0 |      0.73044 (18012508)      0.81183 (18012508)      0.83308 (18012508)
    0.78935 (17101707)      0.68914 (17101707)
 3766786.6 |      0.71546 (18012508)      0.75236 (18012508)      0.72855 (18012508)
    0.66977 (17101707)      0.56466 (17121907)
 3766745.1 |      0.67901 (18012508)      0.67824 (18012508)      0.63677 (17101707)
    0.56162 (17101707)      0.51306 (23012707)
 3766703.6 |      0.62746 (18012508)      0.59762 (18012508)      0.54983 (17101707)
    0.46755 (18030907)      0.47157 (23012707)
 3766662.1 |      0.56643 (18012508)      0.52900 (17101707)      0.46972 (17101707)
    0.42126 (17121907)      0.43679 (22120107)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***       05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***       15:58:13

                                  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	433934.89	433978.41	434021.93	434065.45	434108.97
3767865.0	0.64027 (18022707)	0.67442 (18022707)	0.72830 (21012708)	0.78925 (21012708)	0.77931 (21012708)
3767823.6	0.68490 (18022707)	0.73424 (18022707)	0.79193 (21012708)	0.85970 (21012708)	0.84767 (21012708)
3767782.1	0.73388 (18022707)	0.80236 (18022707)	0.86702 (21012708)	0.94179 (21012708)	0.92695 (21012708)
3767740.6	0.79350 (18120307)	0.88097 (18022707)	0.95681 (21012708)	1.03836 (21012708)	1.01926 (21012708)
3767699.1	0.90030 (18120307)	0.97456 (18022707)	1.06876 (21012708)	1.15613 (21012708)	1.13053 (21012708)
3767657.6	1.02146 (18120307)	1.08852 (18022707)	1.21015 (21012708)	1.30081 (21012708)	1.26598 (21012708)
3767616.2	1.17582 (17022107)	1.23433 (18022707)	1.39748 (21012708)	1.48652 (21012708)	1.45718 (21021008)
3767574.7	1.35559 (17022107)	1.42909 (18022707)	1.64949 (21012708)	1.73197 (21012708)	1.72627 (21021008)
3767533.2	1.55013 (22011907)	1.76152 (18120307)	2.04961 (21012708)	2.12552 (21012708)	2.12474 (21021008)
3767491.7	1.80060 (21010608)	2.15096 (22011907)	2.24322 (21012708)	2.25797 (21012708)	2.20668 (21021008)
3767450.2	1.92933 (22012408)	2.03964 (22011907)	2.12278 (21012708)	2.11599 (21012708)	2.13736 (22122807)
3767408.8	2.09538 (17101907)	1.99146 (17101907)	1.98348 (21012708)	1.97523 (21012708)	2.09589 (22122807)
3767367.3	2.09057 (17101907)	1.94060 (17101907)	1.80460 (21012708)	1.79459 (21012708)	2.02283 (22122807)

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 3767325.8 |      2.10281 (17101307)      1.98650 (17101307)      1.87718 (23121108)
     1.76429 (17101707)      1.94478 (22122807)
 3767284.3 |      2.15550 (23121108)      2.07194 (23121108)      1.96704 (17101707)
     1.91379 (17101707)      1.90187 (21102107)
 3767242.8 |      2.21730 (23121108)      2.16346 (17101707)      2.12150 (17101707)
     2.02307 (21102107)      1.98904 (21102107)
 3767201.4 |      2.20330 (23121108)      2.30004 (17101707)      2.20185 (17101707)
     2.14316 (21102107)      2.02088 (21102107)
 3767159.9 |      2.25736 (21122708)      2.37351 (17101707)      2.20658 (17101707)
     2.21327 (21102107)      2.03219 (21102107)
 3767118.4 |      2.30257 (17101707)      2.41817 (17101707)      2.23934 (21102907)
     2.28096 (21102107)      2.05179 (21102107)
 3767076.9 |      2.18578 (17101707)      2.15262 (17101707)      1.97959 (21102107)
     2.00982 (21102107)      1.77429 (21122008)
 3767035.4 |      1.78238 (17101707)      1.59597 (17101707)      1.51564 (21102107)
     1.55164 (22123007)      1.41141 (21122008)
 3766994.0 |      1.41046 (17101707)      1.20741 (22120107)      1.21560 (21102107)
     1.27070 (21122008)      1.18346 (21122008)
 3766952.5 |      1.11611 (17101707)      1.01610 (22120107)      1.01221 (22123007)
     1.07420 (21122008)      1.01990 (21122008)
 3766911.0 |      0.87744 (17101707)      0.87290 (22120107)      0.86792 (17031607)
     0.92934 (21122008)      0.89754 (21122008)
 3766869.5 |      0.73071 (22120107)      0.75931 (22120107)      0.75638 (17031607)
     0.81471 (21122008)      0.79727 (21122008)
 3766828.0 |      0.65730 (22120107)      0.66899 (22120107)      0.66839 (22123007)
     0.72267 (21122008)      0.71645 (21122008)
 3766786.6 |      0.59430 (22120107)      0.59462 (22120107)      0.59794 (22123007)
     0.64736 (21122008)      0.64828 (21122008)
 3766745.1 |      0.53994 (22120107)      0.53692 (17031607)      0.54012 (21122707)
     0.58517 (21122008)      0.59052 (21122008)
 3766703.6 |      0.49259 (22120107)      0.49028 (17031607)      0.49277 (21122707)
     0.53266 (21122008)      0.54071 (21122008)
 3766662.1 |      0.45103 (22120107)      0.44985 (17031607)      0.45196 (21122707)
     0.48721 (21122008)      0.49693 (21122008)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                   PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     A0000001    , A0000002
, A0000003    , A0000004    , A0000005    ,
                  A0000006    , A0000007    , A0000008    , A0000009    , A0000010
, A0000011    , A0000012    , A0000013    ,
                  A0000014    , A0000015    , A0000016    , A0000017    , A0000018
, A0000019    , A0000020    , A0000021    ,
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                A0000022    , A0000023    , A0000024    , A0000025    , A0000026
, A0000027    , A0000028    ,  . . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       434152.49              434196.01              434239.53
      434283.05              434326.57
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 3767865.0 |      0.75607 (21021008)      0.78601 (21021008)      0.74464 (21021008)
     0.72076 (18010508)      0.68848 (17010607)
 3767823.6 |      0.83706 (21021008)      0.85589 (21021008)      0.79426 (21021008)
     0.78378 (18010508)      0.73482 (17010607)
 3767782.1 |      0.92946 (21021008)      0.93427 (21021008)      0.86918 (18010508)
     0.84937 (17010607)      0.77608 (17010607)
 3767740.6 |      1.03586 (21021008)      1.02311 (21021008)      0.96882 (18010508)
     0.92800 (17010607)      0.89528 (17122008)
 3767699.1 |      1.15942 (21021008)      1.12676 (21021008)      1.08171 (21021007)
     1.00707 (17010607)      1.02598 (17122008)
 3767657.6 |      1.30656 (21021008)      1.25247 (21021008)      1.22300 (17010607)
     1.17802 (17122008)      1.14299 (17122008)
 3767616.2 |      1.49045 (21021008)      1.44552 (21021007)      1.39571 (17010607)
     1.38336 (17122008)      1.22001 (17122008)
 3767574.7 |      1.73966 (21021008)      1.72244 (21021007)      1.67777 (17122008)
     1.58306 (17122008)      1.39433 (17010308)
 3767533.2 |      2.11733 (21021007)      2.15654 (21021007)      2.25489 (22122807)
     1.85633 (17010308)      1.54369 (23100207)
 3767491.7 |      2.40415 (22122807)      2.59486 (22122807)      2.69978 (22122807)
     2.02099 (21112908)      1.64550 (21112908)
 3767450.2 |      2.36981 (22122807)      2.50096 (22122807)      2.50886 (22122807)
     2.06139 (21112908)      1.66677 (21112908)
 3767408.8 |      2.29994 (22122807)      2.35704 (22122807)      2.32143 (22011908)
     2.01859 (21112908)      1.59360 (22011908)
 3767367.3 |      2.16075 (22122807)      2.11467 (22011908)      2.29823 (22011908)
     1.97793 (22011908)      1.55740 (22011908)
 3767325.8 |      1.92323 (22122807)      2.04944 (22011908)      2.12139 (22011908)
     1.80096 (17100507)      1.41446 (17100507)
 3767284.3 |      1.84100 (23011908)      1.80133 (23011908)      1.79089 (23011908)
     1.57630 (17100507)      1.36524 (17100507)
 3767242.8 |      1.72935 (22011908)      1.39465 (23011908)      1.31719 (23011908)
     1.14543 (17100507)      1.12048 (17100507)
 3767201.4 |      1.72520 (23011908)      1.28440 (23011908)      1.13117 (23011908)
     0.99847 (23011908)      0.93307 (17100507)
 3767159.9 |      1.74583 (23011908)      1.26637 (17100507)      1.06562 (17100507)
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    0.93711 (17100507)      0.85517 (17100507)
 3767118.4 |      1.75869 (23011908)      1.26746 (23011908)      1.03477 (23011908)
    0.90452 (17100507)      0.81485 (17100507)
 3767076.9 |      1.53242 (23011908)      1.23079 (23011908)      1.01899 (23011908)
    0.87662 (23011908)      0.76584 (23011908)
 3767035.4 |      1.24036 (22122308)      1.09555 (23011908)      0.97531 (23011908)
    0.86334 (23011908)      0.76569 (23011908)
 3766994.0 |      1.04062 (22122308)      0.95617 (22122308)      0.87064 (23011908)
    0.80562 (23011908)      0.73311 (23011908)
 3766952.5 |      0.89790 (17013107)      0.85586 (22122308)      0.77615 (22122308)
    0.73005 (23011908)      0.68907 (23011908)
 3766911.0 |      0.80687 (17122508)      0.75565 (22122308)      0.72003 (22122308)
    0.64811 (22122308)      0.63163 (23011908)
 3766869.5 |      0.73002 (17122508)      0.67305 (23012708)      0.65763 (22122308)
    0.61540 (22122308)      0.56613 (23011908)
 3766828.0 |      0.66451 (17122508)      0.61414 (23012708)      0.59469 (22122308)
    0.57581 (22122308)      0.53249 (22122308)
 3766786.6 |      0.60699 (17122508)      0.56152 (17013107)      0.53551 (23012708)
    0.53311 (22122308)      0.50754 (22122308)
 3766745.1 |      0.55569 (17122508)      0.52037 (17122508)      0.49864 (23012708)
    0.48892 (22122308)      0.47851 (22122308)
 3766703.6 |      0.51138 (21122008)      0.48630 (17122508)      0.46294 (23012708)
    0.44526 (22122308)      0.44682 (22122308)
 3766662.1 |      0.47502 (21122008)      0.45500 (17122508)      0.42922 (17013107)
    0.41509 (23012708)      0.41411 (22122308)
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                   INCLUDING SOURCE(S):     A0000001    , A0000002
, A0000003    , A0000004    , A0000005    ,
                  A0000006    , A0000007    , A0000008    , A0000009    , A0000010
, A0000011    , A0000012    , A0000013    ,
                  A0000014    , A0000015    , A0000016    , A0000017    , A0000018
, A0000019    , A0000020    , A0000021    ,
                  A0000022    , A0000023    , A0000024    , A0000025    , A0000026
, A0000027    , A0000028    ,  . . .      ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
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Y-COORD (METERS)	X-COORD (METERS)				
	434370.09	434413.61	434457.13	434500.65	434544.17
3767865.0	0.62351 (17010607)	0.65505 (17122008)	0.71893 (17122008)	0.66410 (17122008)	0.62129 (23010607)
3767823.6	0.71046 (17122008)	0.72405 (17122008)	0.68192 (17122008)	0.61682 (23010607)	0.63487 (23010607)
3767782.1	0.80682 (17122008)	0.77883 (17122008)	0.69251 (17122008)	0.64617 (23010607)	0.61904 (17010308)
3767740.6	0.89307 (17122008)	0.80996 (17122008)	0.73508 (23010607)	0.70230 (17010308)	0.69346 (17010308)
3767699.1	0.95630 (17122008)	0.84746 (23010607)	0.80624 (17010308)	0.78702 (17010308)	0.73349 (23100207)
3767657.6	0.99254 (23010607)	0.94164 (17010308)	0.90360 (17010308)	0.82930 (23100207)	0.74042 (23100207)
3767616.2	1.12491 (17010308)	1.05414 (17010308)	0.94593 (23100207)	0.82351 (23100207)	0.77982 (22021608)
3767574.7	1.25510 (17010308)	1.09034 (23100207)	0.97413 (22021608)	0.91622 (22021608)	0.85038 (22021608)
3767533.2	1.29721 (22021608)	1.17176 (22021608)	1.05976 (21112908)	0.96681 (21112908)	0.87938 (21112908)
3767491.7	1.41036 (21112908)	1.23364 (21112908)	1.08692 (21112908)	0.96016 (21112908)	0.84880 (21112908)
3767450.2	1.39954 (21112908)	1.19090 (21112908)	1.02044 (21112908)	0.88515 (21012608)	0.80638 (21012608)
3767408.8	1.33942 (22011908)	1.15637 (22011908)	1.01618 (21012608)	0.91081 (21012608)	0.82437 (21012608)
3767367.3	1.29413 (22011908)	1.11259 (22011908)	0.97801 (22011908)	0.87265 (22011908)	0.78711 (22011908)
3767325.8	1.18459 (23012508)	1.04024 (23012508)	0.93115 (23012508)	0.84295 (23012508)	0.76901 (23012508)
3767284.3	1.17372 (17100507)	1.01139 (17100507)	0.86990 (17100507)	0.77336 (23012508)	0.71905 (23012508)
3767242.8	1.05552 (17100507)	0.97176 (17100507)	0.88139 (17100507)	0.79065 (17100507)	0.70364 (17100507)
3767201.4	0.90375 (17100507)	0.86964 (17100507)	0.82470 (17100507)	0.77174 (17100507)	0.71367 (17100507)
3767159.9	0.80757 (17100507)	0.77635 (17100507)	0.74894 (17100507)	0.71882 (17100507)	0.68403 (17100507)
3767118.4	0.75392 (17100507)	0.71260 (17100507)	0.68387 (17100507)	0.66051 (17100507)	0.63793 (17100507)
3767076.9	0.68531 (17100507)	0.65281 (17100507)	0.62526 (17100507)	0.60355 (17100507)	0.58603 (17100507)
3767035.4	0.66794 (23011908)	0.59326 (18011607)	0.56803 (17101107)	0.54947 (17101107)	0.53521 (17101107)
3766994.0	0.66294 (23011908)	0.58092 (23011908)	0.52825 (18011607)	0.49881 (17101107)	0.49060 (17101107)

 3767865.0 | 0.57798 (23010607)   0.54722 (17010308)   0.56408 (17010308)
     0.56082 (17010308)   0.53281 (17010308)
 3767823.6 | 0.60164 (17010308)   0.61923 (17010308)   0.60663 (17010308)

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    0.57109 (23100207)      0.52729 (23100207)
3767782.1 |      0.68005 (17010308)      0.65936 (17010308)      0.61676 (23100207)
    0.56299 (23100207)      0.49643 (23100207)
3767740.6 |      0.65631 (17010308)      0.66699 (23100207)      0.59958 (23100207)
    0.54318 (17010408)      0.52403 (21011807)
3767699.1 |      0.66883 (23100207)      0.59258 (23100207)      0.59788 (21011807)
    0.59105 (22021608)      0.58090 (22021608)
3767657.6 |      0.65565 (22021608)      0.64799 (22021608)      0.62878 (22021608)
    0.60086 (22021608)      0.56725 (22021608)
3767616.2 |      0.74800 (22021608)      0.70638 (22021608)      0.65924 (22021608)
    0.61686 (21112908)      0.57952 (21112908)
3767574.7 |      0.78364 (21112908)      0.72908 (21112908)      0.67458 (21112908)
    0.62099 (21112908)      0.56966 (21112908)
3767533.2 |      0.79741 (21112908)      0.72113 (21112908)      0.65068 (21112908)
    0.58617 (21112908)      0.52703 (21112908)
3767491.7 |      0.75073 (21112908)      0.66422 (21112908)      0.58792 (21112908)
    0.54933 (21012608)      0.51901 (21012608)
3767450.2 |      0.74011 (21012608)      0.68343 (21012608)      0.63443 (21012608)
    0.59145 (21012608)      0.55344 (21012608)
3767408.8 |      0.75220 (21012608)      0.69087 (21012608)      0.63804 (21012608)
    0.59198 (21012608)      0.55136 (21012608)
3767367.3 |      0.72007 (18013108)      0.66427 (18013108)      0.61610 (18013108)
    0.57405 (18013108)      0.53698 (18013108)
3767325.8 |      0.70532 (23012508)      0.65047 (23012508)      0.60230 (23012508)
    0.55966 (23012508)      0.52170 (23012508)
3767284.3 |      0.67045 (23012508)      0.62658 (23012508)      0.58717 (23012508)
    0.55138 (23012508)      0.51875 (23012508)
3767242.8 |      0.62167 (21122107)      0.57692 (21122107)      0.54318 (23012508)
    0.51533 (23012508)      0.48955 (23012508)
3767201.4 |      0.65270 (17100507)      0.59206 (17100507)      0.53347 (17100507)
    0.49322 (21122107)      0.46402 (21122107)
3767159.9 |      0.64468 (17100507)      0.60190 (17100507)      0.55772 (17100507)
    0.51277 (17100507)      0.46844 (17100507)
3767118.4 |      0.61272 (17100507)      0.58474 (17100507)      0.55444 (17100507)
    0.52182 (17100507)      0.48758 (17100507)
3767076.9 |      0.56908 (17100507)      0.55128 (17100507)      0.53187 (17100507)
    0.50983 (17100507)      0.48599 (17100507)
3767035.4 |      0.51959 (17101107)      0.50728 (17100507)      0.49582 (17100507)
    0.48260 (17100507)      0.46731 (17100507)
3766994.0 |      0.48142 (17101107)      0.47119 (17101107)      0.45919 (17101107)
    0.44418 (17101107)      0.43579 (17100507)
3766952.5 |      0.43332 (17101107)      0.43053 (17101107)      0.42610 (17101107)
    0.41871 (17101107)      0.40875 (17101107)
3766911.0 |      0.39830 (18011607)      0.38279 (22122107)      0.38402 (22122107)
    0.38345 (17101107)      0.38066 (17101107)
3766869.5 |      0.38472 (18011607)      0.36300 (18011607)      0.34134 (17122907)
    0.34311 (22122107)      0.34515 (22122107)
3766828.0 |      0.36549 (23121207)      0.35017 (18011607)      0.33233 (18011607)
    0.31327 (17122907)      0.30578 (22122107)
3766786.6 |      0.36466 (23011908)      0.33321 (23121207)      0.32011 (18011607)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 ,
A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 ,
A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 ,
A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	432572.32	432816.93	433061.54	433306.15	433550.76
3768551.4	0.15575 (22120707)	0.18006 (23020307)	0.22278 (17020807)	0.25159 (22120807)	0.27804 (18120307)
3768334.8	0.15283 (23121308)	0.19035 (22120707)	0.21623 (23020307)	0.28884 (22123008)	0.34089 (17022107)
3768118.2	0.18491 (21010608)	0.19092 (23121308)	0.21877 (22120707)	0.25947 (21020807)	0.38185 (22123008)
3767901.7	0.19999 (23121908)	0.23910 (21010608)	0.28039 (21010608)	0.31619 (23121308)	0.40510 (17020807)
3767685.1	0.22172 (22120908)	0.25174 (22120908)	0.31349 (23121908)	0.41670 (21010608)	0.51311 (21010608)
3767468.5	0.21220 (23122108)	0.26285 (23122108)	0.33679 (22120908)	0.46835 (22120908)	0.66917 (22120908)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	433795.37	434039.98	434284.59	434529.20	434773.81
3767251.9	0.23886 (21120208)	0.29046 (21120208)	0.36317 (21120208)	0.47234 (21120208)	0.67279 (18032607)
3767035.3	0.22225 (18032607)	0.28181 (18032607)	0.34611 (18032607)	0.44481 (17101307)	0.63135 (17101307)
3766818.8	0.20083 (21031607)	0.25304 (17101307)	0.30810 (17101307)	0.43246 (23121108)	0.58025 (23100607)
3766602.2	0.19159 (17101307)	0.22416 (18032007)	0.30938 (23121108)	0.37014 (23100607)	0.45512 (18012508)
3766385.6	0.18695 (18032007)	0.22859 (23121108)	0.26397 (23100607)	0.31010 (21122708)	0.35990 (18012508)
3766169.0	0.17481 (23121108)	0.20118 (23100607)	0.22994 (21122708)	0.27318 (18012508)	0.22261 (18030907)
3765952.4	0.15999 (23100607)	0.17493 (21122708)	0.18956 (23032307)	0.21318 (18012508)	0.15435 (18011208)
3765735.9	0.13689 (21122708)	0.15321 (23120808)	0.18394 (18012508)	0.14944 (18030907)	0.12720 (17121907)
3765519.3	0.13044 (21122708)	0.14450 (18012508)	0.14546 (18012508)	0.10471 (22011708)	0.10956 (23012707)
3765302.7	0.11157 (21011808)	0.13285 (18012508)	0.11000 (18030907)	0.09132 (18011208)	0.09550 (22120107)

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 3768551.4 |      0.31256 (18022707)      0.37437 (21012708)      0.36147 (21021008)
     0.34245 (18010508)      0.22560 (17122008)
 3768334.8 |      0.34691 (23011607)      0.44977 (21012708)      0.46029 (21021008)
     0.40447 (17010607)      0.37915 (17122008)
 3768118.2 |      0.40619 (23011607)      0.56473 (21012708)      0.56378 (21021008)
     0.42211 (17122008)      0.41446 (23010607)
 3767901.7 |      0.55287 (17022107)      0.70977 (21012708)      0.66696 (18010508)
     0.62040 (17122008)      0.51800 (17010308)
 3767685.1 |      0.76493 (22011907)      1.16624 (21012708)      1.05232 (17122008)
     0.76416 (23100207)      0.54658 (22021608)
 3767468.5 |      1.09732 (22120908)      2.19389 (21012708)      2.04015 (21112908)
     0.84331 (21112908)      0.53370 (21012608)
 3767251.9 |      1.16552 (17101307)      2.05433 (17101707)      1.21605 (17100507)
     0.72537 (17100507)      0.49051 (23012508)
 3767035.3 |      1.13937 (23100607)      1.55160 (21102107)      0.85952 (23011908)
     0.53992 (17101107)      0.46277 (17100507)
 3766818.8 |      0.81421 (18012508)      0.67613 (21122008)      0.56555 (22122308)
     0.41617 (23011908)      0.29850 (22122107)
 3766602.2 |      0.38628 (18030907)      0.41465 (21122008)      0.38020 (23012708)
     0.31278 (23010407)      0.24931 (23011908)
 3766385.6 |      0.26619 (23012707)      0.29040 (21122707)      0.27805 (17011808)
     0.25688 (22122308)      0.22155 (23011908)
 3766169.0 |      0.20774 (22120107)      0.22035 (21122707)      0.22364 (17122508)
     0.20167 (22122308)      0.17401 (21122207)
 3765952.4 |      0.16537 (22120107)      0.17559 (21122707)      0.18173 (17122508)
     0.16329 (23012708)      0.15510 (22122308)
 3765735.9 |      0.13334 (22120107)      0.14415 (21122707)      0.14733 (17122508)
     0.13635 (23012708)      0.13323 (22122308)
 3765519.3 |      0.11358 (17031607)      0.12153 (21122707)      0.12678 (21122008)
     0.11664 (17013107)      0.10991 (22122308)
 3765302.7 |      0.09883 (17031607)      0.10414 (21122707)      0.11056 (21122008)
     0.10078 (22122207)      0.09580 (23012708)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***       05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***       15:58:13

                                  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     A0000001    , A0000002
, A0000003    , A0000004    , A0000005    ,
                  A0000006    , A0000007    , A0000008    , A0000009    , A0000010
, A0000011    , A0000012    , A0000013    ,
                  A0000014    , A0000015    , A0000016    , A0000017    , A0000018
, A0000019    , A0000020    , A0000021    ,
                  A0000022    , A0000023    , A0000024    , A0000025    , A0000026
```

, A0000027   , A0000028   , . . .   ,

                                  *** NETWORK ID: UCART2   ; NETWORK TYPE:
GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

  Y-COORD | X-COORD (METERS)
  (METERS) | 435018.42   435263.03   435507.64
      435752.25   435996.86
 -
- -

 3768551.4 | 0.28745 (17111607)   0.21721 (22122807)   0.23636 (17010308)
     0.20339 (23100207)   0.15475 (17010408)
 3768334.8 | 0.29967 (23010607)   0.29291 (17010308)   0.22945 (23100207)
     0.20720 (17010408)   0.19043 (18020508)
 3768118.2 | 0.37896 (17010308)   0.25909 (23100207)   0.25641 (21011807)
     0.24883 (22021608)   0.22837 (21112908)
 3767901.7 | 0.37667 (17010408)   0.34818 (22021608)   0.30309 (21112908)
     0.23170 (22120808)   0.18541 (22120808)
 3767685.1 | 0.44925 (21112908)   0.30881 (22120808)   0.24099 (18113007)
     0.22027 (18113007)   0.19535 (22110907)
 3767468.5 | 0.39261 (21012608)   0.33781 (21012608)   0.27408 (21012608)
     0.22998 (21012608)   0.19285 (18013108)
 3767251.9 | 0.37082 (23012508)   0.28930 (23012508)   0.23204 (23012508)
     0.21878 (23012508)   0.18914 (23012508)
 3767035.3 | 0.34557 (17100507)   0.24807 (21122107)   0.20430 (21122107)
     0.17100 (23120107)   0.14892 (22011407)
 3766818.8 | 0.29840 (17101107)   0.26220 (17100507)   0.21981 (17100507)
     0.17221 (22011707)   0.13772 (22011707)
 3766602.2 | 0.19934 (17122907)   0.20080 (22122107)   0.19194 (17101107)
     0.17252 (17100507)   0.15472 (17100507)
 3766385.6 | 0.17312 (23121207)   0.14651 (17122907)   0.13512 (22122107)
     0.14538 (22122107)   0.13609 (17101107)
 3766169.0 | 0.16319 (23011908)   0.13024 (23121207)   0.11469 (18011607)
     0.09780 (17122907)   0.10946 (22122107)
 3765952.4 | 0.13447 (23010407)   0.12441 (23011908)   0.10276 (23121207)
     0.09319 (18011607)   0.08197 (17122907)
 3765735.9 | 0.11505 (21122207)   0.11054 (23011908)   0.09726 (23011908)
     0.08327 (23121207)   0.07719 (18011607)
 3765519.3 | 0.10477 (22122308)   0.09477 (23010407)   0.09253 (23011908)
     0.07849 (23011908)   0.07048 (22010607)
 3765302.7 | 0.09638 (22122308)   0.08507 (21122207)   0.07967 (23010407)
     0.07760 (23011908)   0.06553 (23121207)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** NETWORK ID: UCART2 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 436241.47
3768551.4	0.16442 (21011807)
3768334.8	0.18915 (22021608)
3768118.2	0.18834 (21112908)
3767901.7	0.13422 (18113007)
3767685.1	0.17302 (21012608)
3767468.5	0.16803 (18013108)
3767251.9	0.15895 (23012508)
3767035.3	0.13088 (17020708)
3766818.8	0.12063 (21122107)
3766602.2	0.12830 (17100507)
3766385.6	0.12398 (17100507)
3766169.0	0.11038 (17101107)
3765952.4	0.08107 (22122107)
3765735.9	0.06936 (17122907)
3765519.3	0.06601 (18011607)
3765302.7	0.06041 (22010607)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): A0000001 , A0000002 , A0000003 , A0000004 , A0000005 , A0000006 , A0000007 , A0000008 , A0000009 , A0000010 , A0000011 , A0000012 , A0000013 , A0000014 , A0000015 , A0000016 , A0000017 , A0000018 , A0000019 , A0000020 , A0000021 , A0000022 , A0000023 , A0000024 , A0000025 , A0000026 , A0000027 , A0000028 , . . . ,

*** 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)
433920.29	3767462.42	1.76239	(21010608)	433919.70	3767443.40	1.82036	(22120908)
433922.96	3767423.21	1.91157	(17101907)	433921.18	3767406.87	1.96985	(17101907)
433922.96	3767373.90	2.02576	(17101907)	433922.07	3767333.80	1.97812	(17101307)
433918.80	3767313.60	1.97802	(17101307)	433920.88	3767207.55	2.09483	(23121108)
433918.80	3767185.87	2.05348	(23121108)	433918.21	3767122.30	2.04508	(21122708)
433960.09	3767093.49	2.46552	(17101707)	433978.51	3767086.06	2.30147	(17101707)
434003.46	3767088.14	2.19275	(17101707)	434021.88	3767086.65	2.13925	(21102107)
433915.83	3767092.00	1.98916	(21122708)	434059.31	3767086.06	2.17076	(21102107)
434081.29	3767086.95	2.13264	(21102107)	434103.27	3767088.73	2.02099	(22123007)
434119.31	3767084.57	1.78018	(21101907)	434141.89	3767087.84	1.75769	(23011908)
434152.88	3767082.49	1.58509	(23011908)	434240.16	3767175.31	1.07381	(23011908)
434271.71	3767173.17	0.97980	(23011908)	434287.81	3767195.06	0.96865	(23011908)
434295.96	3767224.25	1.03646	(17100507)	434302.83	3767260.09	1.27453	(17100507)
434260.55	3767312.67	2.03683	(17100507)	434258.41	3767346.79	2.25272	(22011908)
434264.84	3767380.06	2.24540	(22011908)	434256.69			

3767422.12 2.33730 (21112908)
434264.84 3767437.57 2.27808 (21112908) 434265.27
3767401.30 2.24012 (22011908)
434262.27 3767457.32 2.31642 (21112908) 434262.48
3767474.27 2.31119 (21112908)
434272.14 3767503.46 2.10530 (23100207) 434265.63
3767537.86 1.99202 (22122807)
434242.82 3767534.40 2.22579 (22122807) 434224.85
3767533.52 2.21022 (22122807)
434205.52 3767532.00 2.16144 (21021007) 434183.71
3767530.76 2.18806 (21021007)
434145.33 3767524.48 2.21947 (21021007) 434098.39
3767529.71 2.15022 (21021008)
434076.77 3767522.28 2.24843 (21012708) 434062.67
3767527.81 2.19117 (21012708)
434043.72 3767532.76 2.11593 (21012708) 434023.53
3767532.47 2.06389 (21012708)
434007.06 3767532.57 1.97078 (21012708) 433989.82
3767529.52 1.86684 (18022707)
433945.16 3767515.24 1.75457 (22011907) 433926.49
3767507.52 1.62246 (22011907)
434147.56 3767546.10 1.98541 (21021008) 434113.99
3767565.44 1.80729 (21021008)
434289.48 3767356.42 1.87194 (22011908) 434289.17
3767320.13 1.74550 (17100507)
434302.31 3767294.11 1.55114 (17100507) 434176.56
3767082.56 1.38167 (23011908)
434306.15 3767158.06 0.88713 (17100507) 434304.50
3767122.84 0.86167 (17100507)
434197.03 3767080.87 1.23357 (23011908) 434217.65
3767080.32 1.11808 (23011908)
434244.10 3767084.34 1.00587 (23011908) 434261.62
3767085.43 0.94481 (23011908)
434293.19 3767085.25 0.85198 (23011908) 434305.23
3767097.47 0.82531 (23011908)
433917.55 3767172.15 2.01771 (23121108) 434047.00
3767031.88 1.52979 (22123007)
434106.43 3767031.88 1.40457 (21122008) 433962.04
3767033.28 1.66167 (17101707)
433914.77 3767013.03 1.57261 (17101707) 433959.38
3766996.33 1.32163 (17101707)
433955.08 3766949.00 0.99618 (17101707) 433917.24
3766868.79 0.75643 (17101707)
433983.95 3766865.55 0.74881 (22120107) 433959.25
3766790.40 0.60504 (22120107)
434299.18 3767500.29 1.81803 (21112908) 434306.05
3767451.11 1.83033 (21112908)
434295.10 3767422.34 1.90823 (21112908) 434310.56
3767389.70 1.71931 (22011908)
433880.79 3767287.56 1.62251 (17101307) 434192.26

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   A0000001   , A0000002 , A0000003   , A0000004   , A0000005   ,
                A0000006   , A0000007   , A0000008   , A0000009   , A0000010 , A0000011   , A0000012   , A0000013   ,
                A0000014   , A0000015   , A0000016   , A0000017   , A0000018 , A0000019   , A0000020   , A0000021   ,
                A0000022   , A0000023   , A0000024   , A0000025   , A0000026 , A0000027   , A0000028   , . . .   ,

                                                *** 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)
 -
        434349.70   3767469.19   1.52705 (21112908)   434376.80   3767507.44   1.35262 (21112908)
        434260.14   3767125.02   0.97494 (17100507)   433915.00   3766958.50   1.21790 (17101707)
        433915.55   3766807.54   0.60624 (23012707)   434186.22   3768066.83   0.58595 (21021008)
        434243.24   3768010.16   0.66267 (21021008)   434968.68   3768200.11   0.29819 (17011708)
        433967.41   3767062.22   1.98141 (17101707)   434087.65   3767062.71   1.74370 (22123007)
        434200.52   3767061.73   1.16611 (23011908)   434005.69   3767032.78   1.49908 (22120107)
        434019.45   3767062.77   1.77412 (21102107)   434126.54   3767063.29   1.51496 (22122308)
        434145.75   3767032.80   1.24841 (22122308)   434166.76   3767064.06   1.34047 (23011908)
        434178.28   3767033.31   1.12330 (23011908)   434227.21   3767031.78   1.00066 (23011908)
        434245.92   3767062.77   0.98295 (23011908)   434276.66   3767031.26   0.87364 (23011908)

```
        434298.43   3767063.29        0.82923  (23011908)               434314.06
3767033.31        0.78929  (23011908)
        434361.45   3767022.04        0.68854  (23011908)               434358.63
3767069.69        0.68913  (23011908)
        434324.31   3767004.62        0.74603  (23011908)               434329.17
3766955.44        0.68975  (23011908)
        434357.35   3766876.02        0.57897  (23011908)               434368.37
3766922.39        0.62040  (23011908)
        434315.85   3766925.72        0.66011  (23011908)               434321.74
3766843.74        0.54674  (22122308)
        434356.84   3766853.73        0.55019  (23011908)               434356.58
3766840.41        0.53197  (23011908)
        434356.33   3766819.66        0.50377  (23011908)               434355.56
3766795.84        0.49017  (22122308)
        434322.51   3766758.69        0.49045  (22122308)               434355.82
3766759.20        0.47415  (22122308)
        434356.84   3766738.19        0.46238  (22122308)               434362.22
3766777.65        0.46808  (22122308)
        434356.58   3766718.47        0.45180  (22122308)               434353.77
3766672.61        0.42506  (22122308)
        434320.98   3766716.93        0.45822  (22122308)               434319.18
3766683.37        0.43070  (22122308)
        434353.51   3766617.53        0.38946  (22122308)               434320.72
3766616.25        0.37720  (22122308)
        434353.77   3766572.19        0.36017  (22122308)               434324.05
3766573.47        0.35218  (23012708)
        434324.05   3766552.46        0.34384  (23012708)               434358.89
3766529.66        0.33223  (22122308)
        434407.88   3766936.83        0.57942  (23011908)               434398.40
3766873.29        0.54858  (23011908)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                      ***        15:58:13

                                PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                     *** THE SUMMARY OF MAXIMUM PERIOD ( 43800
HRS) RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
             **


                     NETWORK
GROUP ID                    AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.08256 AT (  434152.49,  3767367.28,   256.80,
 3068.40,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS       0.08218 AT (  434152.49,  3767408.76,   257.60,
 3068.40,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS       0.08140 AT (  434108.97,  3767367.28,   256.40,
 3068.40,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS       0.08114 AT (  434108.97,  3767325.80,   256.20,
 3068.40,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS       0.07982 AT (  434152.49,  3767325.80,   256.60,
 3068.40,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS       0.07967 AT (  434108.97,  3767408.76,   257.10,
 3068.40,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS       0.07956 AT (  434196.01,  3767408.76,   257.90,
 3068.40,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS       0.07882 AT (  434196.01,  3767367.28,   257.10,
 3068.40,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS       0.07773 AT (  434065.45,  3767325.80,   255.90,
 3068.40,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS       0.07674 AT (  434065.45,  3767367.28,   256.10,
 3068.40,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD
View\25_093_Nerio_Farms_Con\25_093_Nerio_Farms_Con.i ***        05/20/26
 *** AERMET - VERSION  22112 ***   ***
                       ***        15:58:13

                                  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
             **

                                                    DATE
                                         NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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ALL HIGH 1ST HIGH VALUE IS 2.69978 ON 22122807: AT (434239.53, 3767491.72, 258.70, 3068.40, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 1967 Informational Message(s)

A Total of 43800 Hours Were Processed

A Total of 1244 Calm Hours Identified

A Total of 723 Missing Hours Identified (1.65 Percent)

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

******** WARNING MESSAGES ********
ME W186 887 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 887 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 21010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological File at: 2 year gap

****
*** AERMOD Finishes Successfully ***
****

APPENDIX C – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

25-093 **Nerio Farms** **2027-2028** Construction Start Year

Emission Assumptions **DPM** Emissions

1) Basic Assumptions

1- EMFAC Area:	San Bernadino (SC)	
2- Emission factors for:	2027-2028	
3- AQ Jurisdiction:	SCAQMD	EMFAC2021
4- Construction hours of operation	8	hrs
5- Construction days per week	5	days

4) Emission Source Configuration

1) All vehicle traffic represented by a line source

5) Vehicle Trip Lengths

Construction Travel Links	*AERMOD INPUT*		
	Travel Distance (m)	**Travel Distance (mi)**	**% of Truck Travel**
Route 1: NE Project Site to Pipeline Ave North Driveway (Street A) > S Pipeline Driveway	562.9	0.349769844	50%
Route 2: E Project Site > Street D > Locust St > Pipeline Ave South Driveway	490.4	0.30	50%
Route 3: South on Pipeline Ave > Philadelphia St > Ramona > SR-60 junction	2129.1	1.32	100%
Route 4: SR-60 Junction > WB	464.5	0.29	50%
Route 5: SR-60 Junction > EB	574.5	0.36	50%

25-093 Nerio Farms

EMFAC ADJUSTMENT FACTORS

Year	Vehicle Category	Adjustment Factor
2027	MHDT	1.024582413
2027	HHDT	1.017656733
2028	MHDT	1.040638421
2028	HHDT	1.027013037

Data Source: CalEEMod Project Output

Work Schedule:
8 hrs/day
5 days per week

Construction Area
Onsite:
24.16 acres
Offsite
0.24

Totals

Total Area (SF):	1062868.251	SF
Total Area (M2):	98,744	m2
Building Area:	714,334.000	SF

97,772

Onsite DPM Construction Emissions

Daily Max Onsite PM10E

Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)
Demolition	7/1/2027	7/14/2027	**0.7959**	**10**	7.96	0.003980
Site Preparation	7/14/2027	7/20/2027	**1.6199**	**5**	8.10	0.004050
Grading	7/20/2027	8/16/2027	**1.2671**	**20**	25.34	0.012671
Building Construction - 2027	8/17/2027	12/31/2027	**0.3646**	**99**	36.10	0.018048
Paving -2027	8/17/2027	9/13/2027	**0.2981**	**20**	5.96	0.002981
Trenching	8/17/2027	9/13/2027	**0.1002**	**20**	2.00	0.001002
Building Construction - 2028	1/1/2028	5/22/2028	**0.3256**	**101**	32.89	0.016443
Architectural Coating	5/15/2028	6/9/2028	**0.0205**	**20**	0.41	0.000205

Demolition	0.80	0.08	
Site Preparation	1.62	0.00	
Grading	1.27	0.02	
Building Construction -	0.36	0.00	
Paving -2027	0.30	0.00	
BC + Pav	0.66	0.00	
Building Construction -	0.33	0.00	
Architectural Coating	0.02	0.00	

0.46 0.6627 0.7629
0.35 295
200

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb)	Average Hourly DPM Emissions (g/sec)	Average Hourly DPM Area Emission (g/m2-sec)
2027	0.041730	110	0.7587	0.0119	1.210E-07
2028	0.016648	114	0.2921	0.0046	4.659E-08
			453.59	28800	0.017

→

Area Source Emission:	
g/sec	g/m2-sec
8.2E-03	**8.31E-08**

#

Offsite DPM Construction Emissions

Daily Max Offsite PM10E

Daily Max Offsite PM10E

Daily Max Offsite PM10E

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM ADJUSTED Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM ADJUSTED Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)	lbs/day
Demolition	7/1/2027	7/14/2027	10	0.0794	0.0808	0.8077	0.0004	0.000	0.000	0.000	0.000				**0.0808**
Site Preparation	7/14/2027	7/20/2027	5	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.0000	0	0	**0.0000**
Grading	7/20/2027	8/16/2027	20	0.0191	0.0194	0.3886	0.0002	0.000	0.000	0.000	0.000	0.0000	0	0	**0.0194**
Building Construction - 2027	8/17/2027	12/31/2027	99	0.0000	0.0000	0.0000	0.0000	0.004	0.004	0.439	0.000	0.0000	0	0	**0.0044**
Paving -2027	8/17/2027	9/13/2027	20	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.0000	0	0	**0.0000**
Trenching	8/18/2027	9/14/2027	20	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.0000	0	0	**0.0000**
Building Construction - 2028	1/1/2028	5/22/2028	101	0.0000	0.0000	0.0000	0.0000	0.004	0.005	0.455	0.000	0.0000	0	0	**0.0045**
Architectural Coating	5/15/2028	6/9/2028	20	0.0000	0.0000	0.0000	0.0000	0.000	0.000	0.000	0.000	0.0000	0	0	**0.0000**

0.1091

Offsite DPM Emissions (at the CalEEMOd Default Trip Distances)

		Haul Trucks				Vendor Trucks				Worker Vehicles				
Year	# of Construction Days	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	Annual Emissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	4.96E-04
2027	110	0.0006	0.0109	0.0014	0.0002	0.0002	0.0040	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	
2028	114	0.0000	0.0000	0.0000	0.0000	0.0002	0.0040	0.0005	0.0001	0.0000	0.0000	0.0000	0.0000	

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	10.2
Worker	18.5

Construction Travel Links <change assumptions tab NOT this directly

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Route 1: NE Project Site to Pipeline Ave North Driveway (Street A) > S Pipeline Driveway	562.9	0.349768844	50%
Route 2: E Project Site > Street D > Locust St > Pipeline Ave South Driveway	490.4	0.304728433	50%
Route 3: South on Pipeline Ave > Philadelphia St > Ramona > SR-60 junction	2129.1	1.322961405	100%
Route 4: SR-60 Junction > WB	464.5	0.288626919	50%
Route 5: SR-60 Junction > EB	574.5	0.35697775	50%

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2027 (from CalEEMOd)	1.713E-04	6.284E-05	0.000E+00	2.341E-04	1.856E-03	1.485E-02
Route 1: NE Project Site to Pipeline Ave North Driveway (Str	1.498E-06	1.077E-06	0.000E+00	2.575E-06	2.042E-05	1.634E-04
Route 2: E Project Site > Street D > Locust St > Pipeline Ave S	1.305E-06	9.387E-07	0.000E+00	2.243E-06	1.779E-05	1.423E-04
Route 3: South on Pipeline Ave > Philadelphia St > Ramona >	1.133E-05	8.150E-06	0.000E+00	1.948E-05	1.545E-04	1.236E-03
Route 4: SR-60 Junction > WB	1.236E-06	8.891E-07	0.000E+00	2.125E-06	1.685E-05	1.348E-04
Route 5: SR-60 Junction > EB	1.529E-06	1.100E-06	0.000E+00	2.628E-06	2.084E-05	1.667E-04
	Haul Trucks	Vendor Trucks	Worker Vehicles			
2028 (from CalEEMod)	0.000E+00	6.283E-05	0.000E+00	6.283E-05	4.982E-04	3.986E-03
Route 1: NE Project Site to Pipeline Ave North Driveway (Str	0.000E+00	1.077E-06	0.000E+00	1.077E-06	8.542E-06	6.834E-05
Route 2: E Project Site > Street D > Locust St > Pipeline Ave S	0.000E+00	9.385E-07	0.000E+00	9.385E-07	7.442E-06	5.953E-05
Route 3: South on Pipeline Ave > Philadelphia St > Ramona >	0.000E+00	8.149E-06	0.000E+00	8.149E-06	6.462E-05	5.169E-04
Route 4: SR-60 Junction > WB	0.000E+00	8.889E-07	0.000E+00	8.889E-07	7.049E-06	5.639E-05
Route 5: SR-60 Junction > EB	0.000E+00	1.099E-06	0.000E+00	1.099E-06	8.718E-06	6.974E-05

Weighted Average Emissions
Onsite

→

Routes

Weighted Average Emissions		
Route 1: NE Project Site to Pipeline Ave N	**1.813E-06**	g/sec
Route 2: E Project Site > Street D > Locust	**1.579E-06**	g/sec
Route 3: South on Pipeline Ave > Philadel	**1.371E-05**	g/sec
Route 4: SR-60 Junction > WB	**1.496E-06**	g/sec
Route 5: SR-60 Junction > EB	**1.850E-06**	g/sec

APPENDIX D – ESTIMATION OF CONSTRUCTION HEALTH RISK

25-093 Nerio Farms Chino

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Construction Days	7/1/2027	6/9/2028	344	1.26
3rd Trimester (2027)	7/1/2027	9/29/2027	90	0.25
0-2 year (2027)	9/30/2027	12/31/2027	92	0.25
0-2 year (2028)	1/1/2028	6/9/2028	160	0.44

0.94 years

0.69 years w/o pre-birth

11.24 months

Age Group	Exposure Frequency, EF				Construction Exposure Duration, (ED) (Years)	Age Sensitivity Factors (ASF)	Fraction Time at Home (FAH)	Daily Breathing Rate[a] (DBR) (l/kg-day)
	Construction		Operation					
	Hours/Day	Days/Year	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)								
3rd Trimester to Birth	8	260	24	360	0.25	10	0.85	361
0 to 2 years	8	260	24	360	0.69	10	0.85	1,090
2 to 16 years	8	260	24	360		3	0.72	745
16 to 30 years	8	260	24	360		1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)								
3rd Trimester to Birth	8	260	24	360	0.25	10	0.85	361
0 to 2 years	8	260	24	360	0.69	10	0.85	1,090
2 to 9 years	8	260	24	360	0.00	3	0.73	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)								
17 years and older	8	260	24	360	0.94	1	0.73	335
Worker Receptor (25-years duration)								
17 years and older	8	260	8	360	0.94	1	[redacted]	230

25-093

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Results:

Max School=	0.00078
Max Residential=	0.05972
Max Sensitive Receptor=	0.05972
Max Worker=	0.02942

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to 0.94 years	5.63	10	No
Maximum Impacted Sensitive Receptor – Adult	0.21	10	No
Maximum Impacted Worker Receptor	0.07	10	No
Receptor	**Chronic Non-Cancer Hazard Index**		**Exceeds Significance Threshold?**
	Maximum Lifetime Proposed Project Risk	**Significance Threshold**	
Maximum Impacted Sensitive Receptor – Infant to 0.94 years	0.01	1	No
Maximum Impacted Sensitive Receptor – Adult	0.01	1	No
Maximum Impacted Worker Receptor	0.01	1	No

25-093 No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Residential**	**30-year Exposure**	**Total Cancer risk**	**HI**
			5.6258	0.0119

Maximum Period DPM Concentration **5.97E-02** ug/m3

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**TAH (%)**	**ASF**	**Operational Risk (risk/million)**
3rd Trimester	2027	0.05972	1.1	361	0.25	260	25550	1.00	10	0.595048
0	2027	0.05972	1.1	1090	0.25	260	25550	1.00	10	1.836608
1	2028	0.05972	1.1	1090	0.44	260	25550	1.00	10	3.194100

25-093 No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk	HI
				0.209833	0.0119

Maximum Period DPM Concentration **0.05972** ug/m3

Year	Year	Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
0	2027	0.05972	1.1	335	0.50	260	25550	1.00	1	0.11
1	2028	0.05972	1.1	335	0.44	260	25550	1.00	1	0.10

25-093 No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	**Worker**	**25-year Exposure**	**Total Cancer risk**	
			0.07	0.006

Maximum Period DPM Concentration **0.02942** ug/m3

Year	**Year**	**Maximum DPM (ug/m3)**	**CPF (mg/kg-day)^-1**	**DBR (l/kg-day)**	**ED (years)**	**EF (days)**	**AT (years)**	**ASF**	**Operational Risk (risk/million)**
0	2027	0.02942	1.1	230	0.50	260	25550	1	0.04
1	2028	0.02942	1.1	230	0.44	260	25550	1	0.03