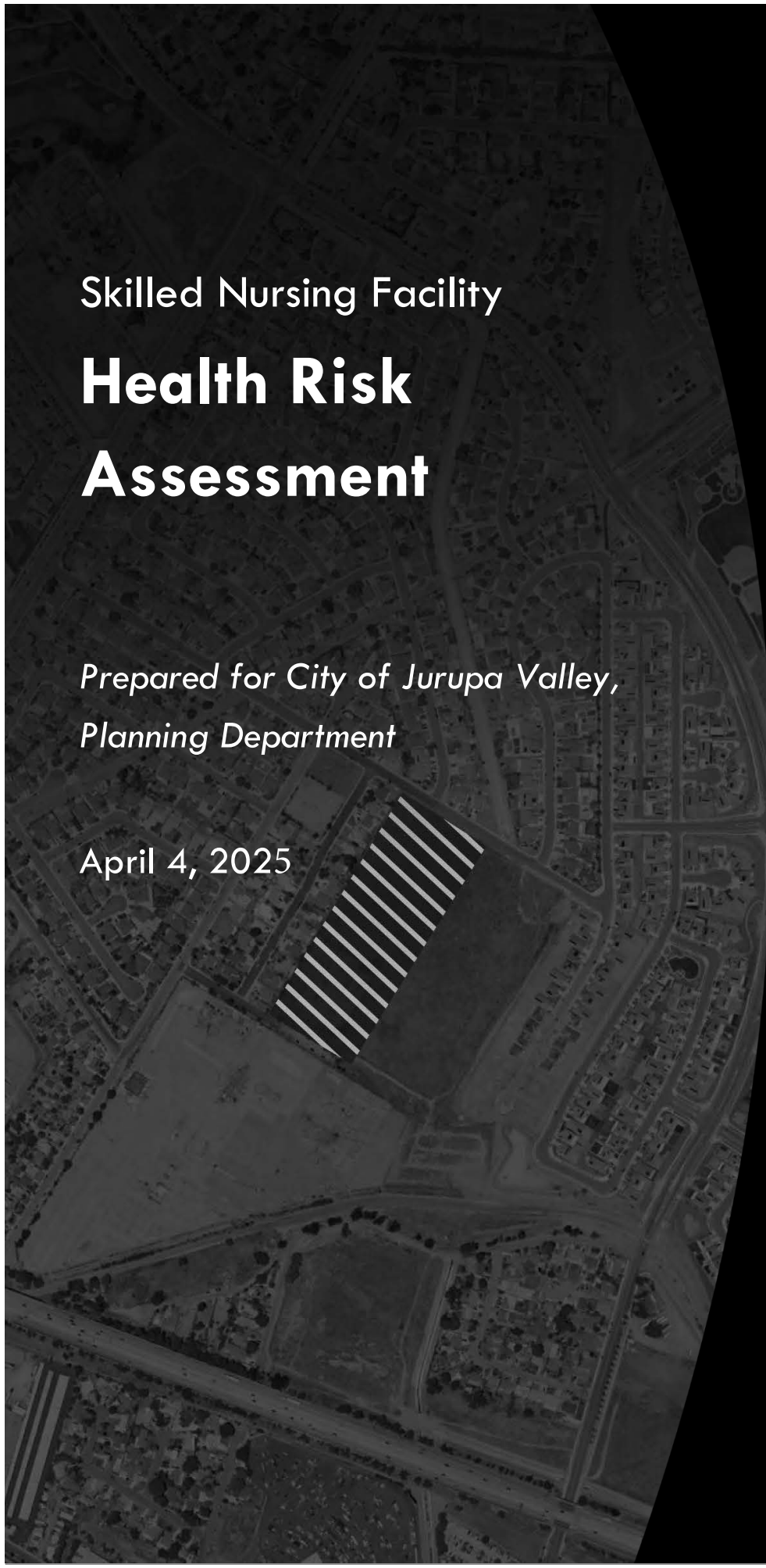




Skilled Nursing Facility

Health Risk Assessment

*Prepared for City of Jurupa Valley,
Planning Department*

April 4, 2025

Prepared by

Elaina Chambers,
Air Quality Specialist

Tanya Kalaskar,
Associate Environmental
Planner II

Contact:
techservices@EPDSolutions.com

E | P | D
SOLUTIONS, INC

949.794.1180
3333 Michelson Drive, Suite 500
Irvine, CA 92612

EPDSolutions.com

©EPD Solutions, Inc.

TABLE OF CONTENTS

1	Introduction	1
1.1	Access and Circulation.....	4
1.2	Parking	4
1.3	Purpose of the Report	4
1.4	Summary of the Results	5
2	Health Risk Assessment	6
2.1	SCAQMD Significance Thresholds	6
	Project-Level	6
	Cumulative	7
2.2	Health Risk Estimation Methodology	7
	Cancer Risk.....	7
	Chronic Non-Cancer Hazard.....	11
2.3	Estimation of Project DPM Emissions.....	11
	Construction DPM Emissions.....	11
	Construction Equipment Emission Inventory Development	12
2.4	Atmospheric Dispersion Methodology	16
2.5	Sensitive Receptors.....	17
3	Results of the Health Risk Assessment	19
3.1	Project-Level Risk Results	19
4	Conclusion	21
5	References	22

Figures

Figure 1: Conceptual Site Plan	2
Figure 2: Project Location.....	3
Figure 3: Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources ...	15
Figure 4: Locations of Air Dispersion Model Receptors	18
Figure 5: Construction Model Output.....	20

Tables

Table 1: Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance.....	10
Table 2: Construction Schedule	12
Table 3: Proposed Project Construction Equipment Inventory	13
Table 4: Proposed Construction Vehicle Use	14
Table 5: Project On-site and Off-Site Construction Source DPM Daily Emissions.....	14
Table 6: General Modeling Assumptions	16
Table 7: Summary of Construction Emissions Source Configuration	17

Table 8: Summary of Proposed Project Construction Health Risk	19
---	----

Appendices

APPENDIX A	CALEEMOD OUTPUT SHEETS
APPENDIX B	AERMOD CONSTRUCTION MODEL OUTPUT
APPENDIX C	ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS
APPENDIX D	ESTIMATION OF CONSTRUCTION HEALTH RISK

1 INTRODUCTION

This Health Risk Assessment (HRA) evaluates the potential impacts of the proposed Skilled Nursing Facility Project (proposed Project). The Project site is located at 6401 33rd Street in the City of Jurupa Valley (City). Regional access to the Project site is provided by State Route 60 (SR 60). Local access to the site is provided by 33rd Street, south of the Project.

The Project site encompasses 17.8 total gross acres and is comprised of two parcels: Parcel A (APN 177-020-084) is approximately 14.6 acres and Parcel B (APN 177-020-085) is approximately 3.2 acres. Parcel A is currently vacant and undeveloped. Parcel B is currently developed with a skilled nursing facility. The Project site has a General Plan land use designation of Medium Density Residential (MDR) and is zoned Rural Residential (R-R).

The Project proposes to subdivide Parcel A into three parcels (Parcels 2, 3, and 4) and develop approximately 5.95 acres of the total site, with approximately 9.7 acres of Parcel A remaining undeveloped. Parcel B would remain as Parcel 1 and is not a part of the proposed Project except for approximately 1 acre on which parking stalls will be constructed. Development is proposed on Parcels 2 and 3. No development is proposed on Parcel 4 at this time; Parcel 4 would remain vacant and undeveloped. The Project proposes a 42,000 square foot (SF), one-story Skilled Nursing Facility on Parcel 2 and a 12,000 SF, one-story Medical Office Building on Parcel 3. The proposed Skilled Nursing Facility would include 99 beds, as well as a covered drop-off area, parking spaces, a designated trash enclosure, and a loading zone.

The site location and site plan are provided in Figure 1, *Conceptual Site Plan*, and Figure 2, *Project Location*, respectively.

The Project site is in the South Coast Air Basin (SCAB), which is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD).

Figure 1: Conceptual Site Plan

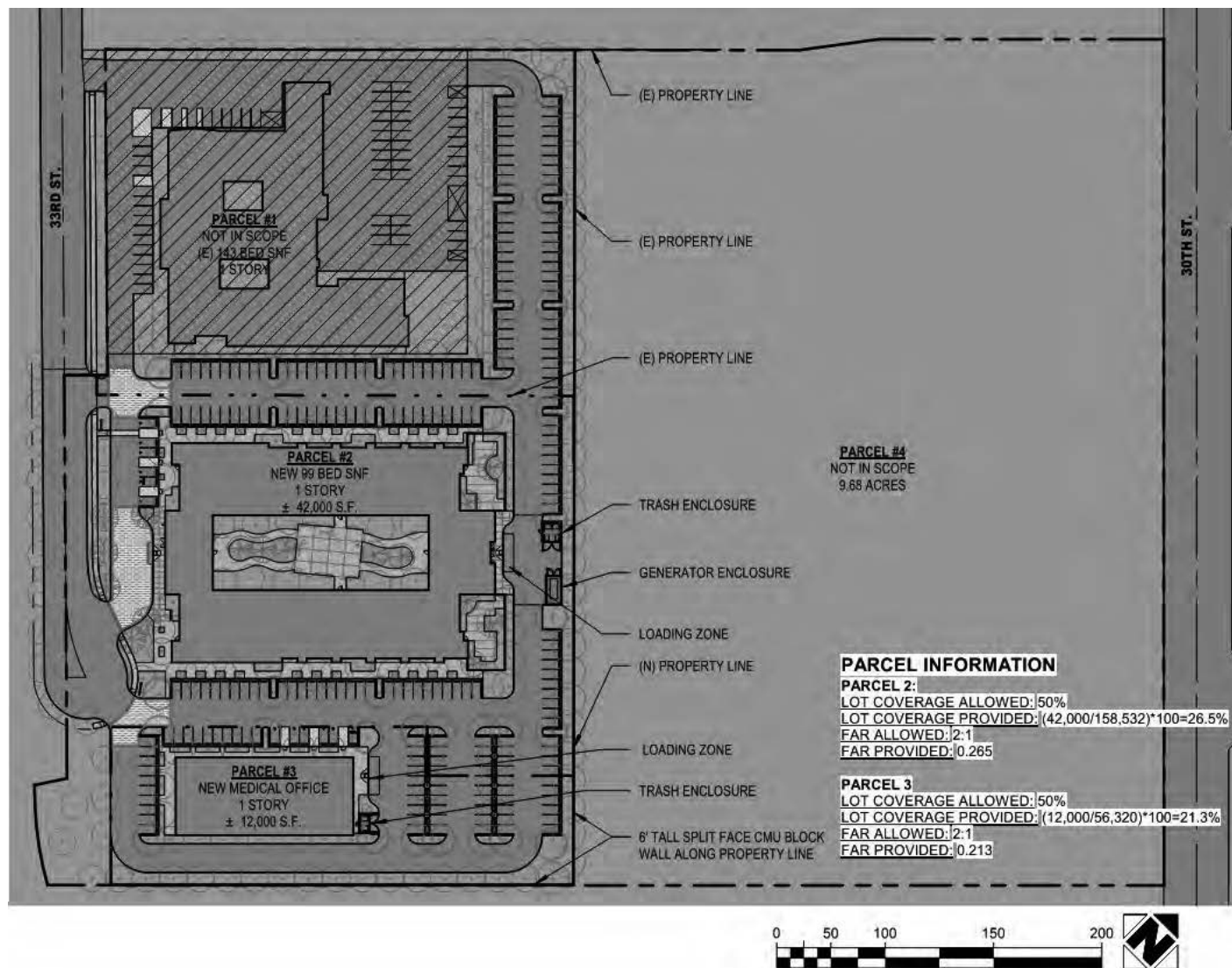
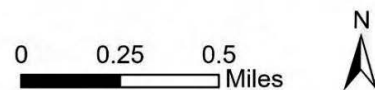


Figure 2: Project Location



Legend

 Project Site



1.1 Access and Circulation

Access to the proposed buildings of the Project would be provided via three driveways, a 26-foot-wide driveway, a 30-foot-wide driveway, and a 36-foot wide driveway, all located on 33rd Street.

1.2 Parking

The Skilled Nursing Facility located on Parcel 2 would include 188 parking spaces for staff and visitors, a covered drop-off area, and a loading zone. The Medical Office Building on Parcel 3 would provide 60 parking spaces for patients and staff. The Project would also provide two bicycle racks, one with 4 spaces for the proposed Skilled Nursing building, and one 5-space rack for the proposed Medical Office Building, for a total of 9 bicycle parking spaces. The proposed parking is shown in Figure 2, *Conceptual Site Plan*.

1.3 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 impact of diesel particulate matter (DPM), emitted from the Project's construction, on the surrounding land uses 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% 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 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 U.S. Environmental Protection Agency (EPA) AMS/EPA Regulatory Model (AERMOD Version 23132) 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).

1.4 Summary of the Results

The emissions from Project construction would not result in a cancer health risk that exceeds the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor. The Project's emissions for construction impacts would not result in a non-cancer risk greater than the 1.0 non-cancer hazard index (HI) threshold. The Project's maximum construction health risk results are summarized below.

Maximum Project Construction Health Risk Results:

- Sensitive/residential receptor for the lifetime exposure duration: 8.79 in one million
- Worker receptor: 0.27 in one million
- Sensitive receptor chronic non-cancer HI: 0.02
- Worker receptor chronic non-cancer HI: 0.02

The Project construction would not exceed the SCAQMD significance threshold of 10 in one million, nor would it exceed the HI threshold of 1.0. Therefore, the construction of the proposed Project would result in a less-than-significant project-level and cumulative-level impact for cancer and non-cancer health risk. No mitigation would be required.

2 HEALTH RISK ASSESSMENT

An 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 using 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, n.d.).

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 focuses on DPM emissions that the CARB has identified as the principal airborne carcinogenic substance in California. For the purposes of this HRA, DPM was assumed to be comprised of particulate matter 10 microns in diameter (PM₁₀) from vehicle exhaust emissions.

2.1 SCAQMD Significance Thresholds

Project-Level

The City of Jurupa Valley has not adopted a numerical significance threshold for cancer risk or non-cancer hazards. Therefore, the significance thresholds recommended by the SCAQMD were used for this assessment. The relevant significance thresholds include the following:

- Cancer Risk: ten (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 SCAB 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, 2021). The MATES-V Study expresses cumulative TAC impacts in terms of potential increased cancer risks. Cumulative impact thresholds derive from this study, since the Project site is within the MATES-V Study area. The MATES-V Study estimates 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%) 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 on 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 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). A risk level of 10 in one million implies a likelihood that up to 10 people in a population of one million equally exposed people could contract cancer if exposed continuously (24 hours per day) to the levels of TACs 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, $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

$$Dose_{air} = C_{DPM} \times DBR_i \times A \times EF_i \quad (EQ-1)$$

Where:

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

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

DBR = daily breathing rate for each age group (liters/kg-day)—see Table 1

A = Inhalation absorption factor (unitless = 1)

EF = exposure 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:

$$\text{Cancer Risk} = Dose_{air,i} \times CPF \times ASF_i \times ED_i \times FAH_i / AT \quad (EQ-2)$$

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.

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

CPF = inhalation cancer potency factor (mg/kg-day)⁻¹

ASF_i = age sensitivity factors (see Table 1)

ED_i = exposure duration (years) (see Table 1)

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

FAH_i = fraction of time spent at home (see Table 1)

n = number of age groups

While the OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans, the Project's construction duration is expected to only span 1.35 years, and no significant DPM emissions are anticipated to occur after the completion of the Project's construction during the operation of the Project. Thus, for the remainder of this report, the lifetime cancer risk will refer to the construction's time span of 1.35 years.

Thus, for the purpose of this HRA, the exposure duration for sensitive/residential receptors' lifetime cancer risk was assumed to analyze a daily construction duration of eight hours, five days a week, as a reasonable assumption for the site's construction operational hours and was assumed to span the duration of a third trimester pre-birth in 2027 (the Project's starting year of construction) to the second quarter of 2028, when

the Project's construction would conclude. Estimates of cancer risk were also provided for informational purposes for adult exposure, also spanning the duration of construction.

Table 1 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 the construction of the Project. For DPM, the value of the CPF is 1.1 milligrams per kilogram per day.

Table 1: Exposure Assumptions for Cancer Risk–OEHHA/SCAQMD Guidance

Age Group	Exposure Frequency, EF		Exposure Duration (ED) (Years)	Age Sensitivity Factors (ASF)	Fraction Time at Home (FAH)	Daily Breathing Rate¹ (DBR) (l/kg-day)
	Hours/Day	Days/Year				
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)						
3 rd Trimester to Birth	8	250	0.25	10	0.85	361
0 to 2 years	8	250	1.10	10	0.72	1,090
2 to 16 years	8	250		3	0.72	745
16 to 30 years	8	250		1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)						
3 rd Trimester to Birth	8	250	0.25	10	0.85	361
0 to 2 years	8	250	1.10	10	0.72	1,090
2 to 9 years	8	250		3	0.72	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)						
17 years and older	8	250	1.35	1	0.73	335
Worker Receptor (25-year duration)						
17 years and older	8	250	1.35	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), (California Office of Environmental Health Hazards Assessment, 2015)

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 HI. 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 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:

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

Where:

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

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

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

As predicted by the air dispersion model, annual concentrations of DPM are used to estimate chronic non-cancer hazards. The OEHHA has defined a REL for DPM of $5 \mu\text{g}/\text{m}^3$.

2.3 Estimation of Project DPM Emissions

Construction DPM Emissions

Construction emissions were calculated using the latest CalEEMod Version 2022.1. DPM construction emissions were based on the CalEEMod construction runs for the proposed construction schedule and equipment inventory, using exhaust PM_{10} 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 (haul trucks, vendor trucks, and worker vehicles).

These travel link assumptions can be found in Table 7, *Summary of Construction Emissions Source Configuration*, and Appendix C, *Estimation of Project Construction DPM Emissions*.

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 construction phases: demolition, site preparation, grading, building construction, paving, and architectural coating. The Project's DPM exhaust emissions were calculated using the PM₁₀ exhaust emissions calculated from CalEEMod. Table 2 shows the Project's construction schedule and Table 3 shows the Project's proposed construction equipment. Table 4 shows the proposed construction vehicle use for worker, vendor, and hauling trips. Table 5 depicts the daily maximum DPM emissions of the Project's construction. Figure 3, *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.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Working Days
Demolition	1/4/2027	1/8/2027	5
Site Preparation	1/9/2027	1/15/2027	5
Grading	1/16/2027	2/5/2027	15
Building Construction	2/7/2027	3/31/2028	300
Paving	4/1/2028	4/14/2028	10
Architectural Coating	4/15/2028	5/12/2028	20

Source: CalEEMod Output in Appendix A

Table 3: Proposed Project Construction Equipment Inventory

Activity	Equipment	Number per day	Hours per day	Horse-power	Load Factor
Demolition	Rubber Tired Dozers	2	8	367	0.4
	Excavators	3	8	36	0.38
	Concrete/Industrial Saws	1	8	33	0.73
Site Preparation	Rubber Tired Dozers	3	8	367	0.4
	Crawler Tractors	4	8	87	0.43
Grading	Graders	1	8	148	0.41
	Excavators	1	8	36	0.38
	Rubber Tired Dozers	1	8	367	0.4
	Crawler Tractors	3	8	87	0.43
Building Construction	Forklifts	3	8	82	0.2
	Generator Sets	1	8	14	0.74
	Cranes	1	8	367	0.29
	Welders	1	8	46	0.45
	Tractors/Loaders/Backhoes	3	8	84	0.37
Paving	Pavers	2	8	81	0.42
	Paving Equipment	2	8	89	0.36
	Rollers	2	8	36	0.38
	Cement and Mortar Mixers	2	8	10	0.56
Architectural Coating	Air Compressors	1	8	37	0.48

Source: CalEEMod Output in Appendix A

Table 4: Proposed Construction Vehicle Use

Activity	Daily Worker Trips	Daily Vendor Trips	Total Haul Trips
Demolition	15	0	37
Site Preparation	18	0	0
Grading	15	0	78
Building Construction	75	13	0
Paving	20	0	0
Architectural Coating	15	0	0

Source: CalEEMod Output in Appendix A

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

Activity	Working Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions (pounds/day)	Maximum Daily DPM Emissions (pounds/day)	Maximum Daily Construction Emissions (pounds/day)
2027				
Demolition	5	0.80	0.05	
Site Preparation	5	1.62	<0.01	
Grading	15	0.93	0.10	
Building Construction	234	0.36	0.01	
Maximum Daily Construction Emissions 2027		1.62	0.10	1.72
2028				
Building Construction	66	0.33	0.01	
Paving	10	0.29	<0.01	
Architectural Coating	20	0.02	<0.01	
Maximum Daily Construction Emissions 2028		0.33	0.01	0.33
2027-2028 Maximum Daily Construction Emissions (pounds/day)				1.72

Source: Data Attachment in Appendix C

Figure 3: Locations of the Project's Construction On-Site and Off-Site DPM 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 simulate 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).

Tables 6 and 7 provide the general assumptions applied in the AERMOD model (Version 23132). 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 EPA AERMAP terrain data pre-processor Version 18081; Data Set: USGS_NED_13_n35w118.tif.
Land Use	Urban – Based on land use patterns surrounding the Project site.
Meteorological Data	The Riverside Municipal Airport National Weather Service (NWS) Monitoring Station was used for the years of 2012-2016 as representative of meteorological conditions on the Project site.
Receptor Locations	A uniform network grid was used to include all existing residences and worker locations surrounding the Project site. Additional receptors were located at nearby residences. Receptors were placed at ground level.
Population	Riverside County: ~2,492,000

Source: Data Attachment in Appendix B

Table 7: Summary of 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 5.95 total acres, or 24,079 m²). • Construction Equipment emission source release height – 5 meters. • Emissions generated from the CalEEMod model. • Construction: Assumed 8 hours per day, 5 days a week.
Construction Vehicle Traffic	Line Area Source	• Line source release height of 3.11 meters (10.2 feet) with a plume height of 5.29 meters (17.4 feet) (from EPA Haul Roads Calculator). • Identical off-site travel routes were used for the calculation of construction and operational DPM emissions. • The assumed route used is as follows: ○ Route 1: Innermost Project Site Driveway to/from 33rd Street to/from Florine Avenue to/from 34th Street to/from Valley Way to/from SR-60, 100% of vehicles. • Construction operation: Assumed 8 hours per day, 5 days a week.

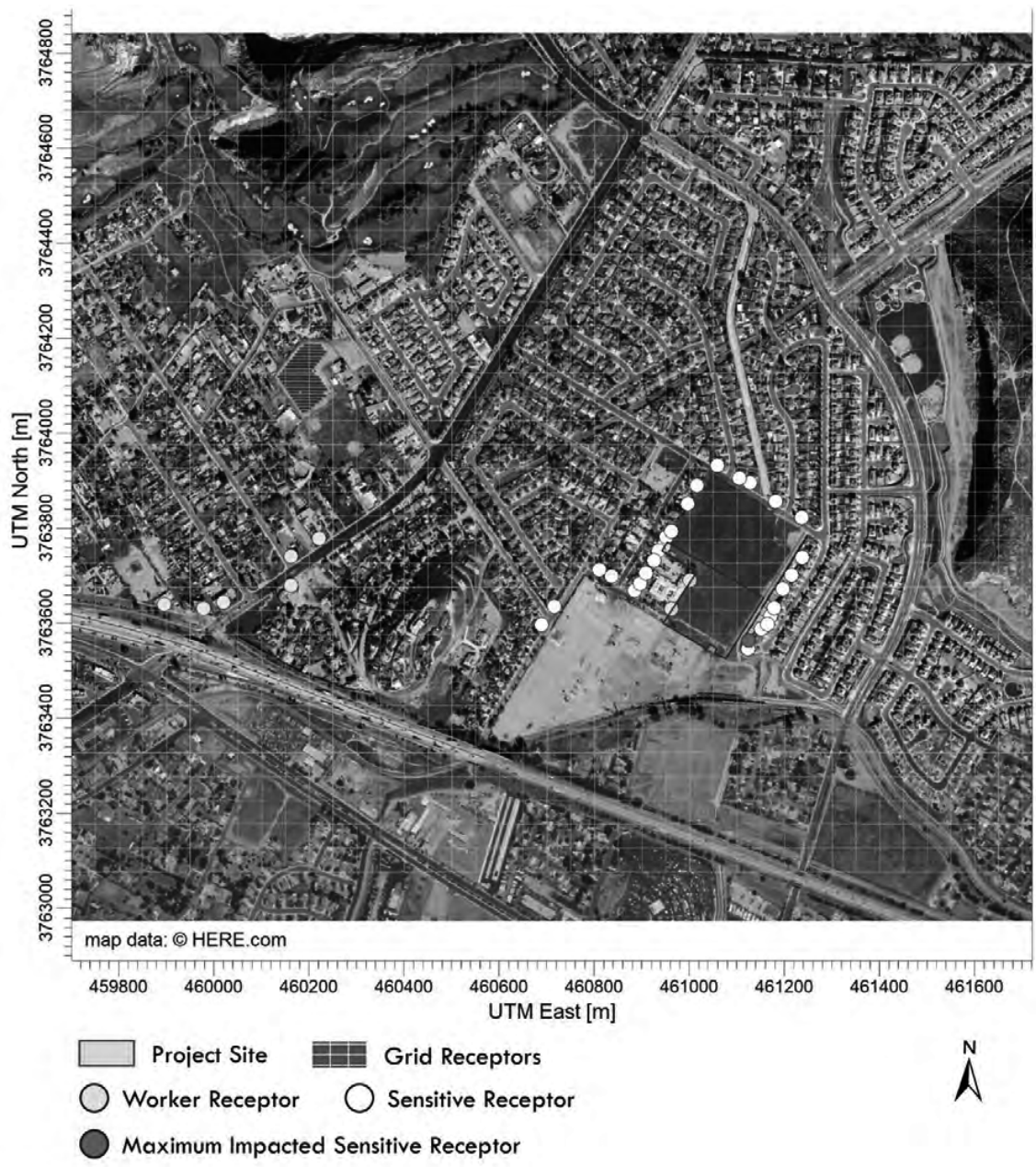
Source: Data Attachment in Appendix B, C

2.5 Sensitive Receptors

The SCAQMD defines a sensitive receptor as any residence, including private homes, condominiums, apartments, and dormitories, or similar live-in housing, schools, preschools, daycare centers, health facilities such as hospitals, retirement and nursing homes, and hospices, and prisons. 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 nearest to the Project site that qualify as sensitive receptors. Receptor points were placed on existing residences, schools, and/or healthcare facilities 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 site 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.

The sensitive receptor nearest to the Project site was determined to be the existing skilled nursing facility, located adjacent to the Project site to the west. However, the maximally impacted sensitive receptor impacted by the Project's construction DPM emissions was determined to be a residence, located approximately 19.1 meters (63 feet) east of the Project site, where the greatest emissions were found to occur. The nearest worker receptor was identified to also be located at the existing nursing facility directly west of the Project boundary line. Figure 4, *Locations of Air Dispersion Model Receptors*, shows the receptor locations included in the HRA.

Figure 4: Locations of Air Dispersion Model Receptors



3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Table 8 presents a summary of the cancer risks resulting from the Project's construction DPM emissions, along with the SCAQMD health risk significance thresholds. As shown in Table 8, the estimated maximum cancer risk for construction is 8.79 in one million for sensitive/residential receptors, which is below the significance threshold of 10 in one million. The estimated maximum cancer risk for worker receptors during construction is 0.27 in one million, which is below the threshold of 10 in one million. In addition, the Project's maximum estimated construction results for non-cancer health risk are 0.02 for the maximum impacted sensitive receptor, which is below the significance threshold of 1.0.

The construction maximum cancer risk and non-cancer risk would not exceed the SCAQMD cancer health risk significance threshold of 10 in one million and non-cancer HI significance threshold of 1.0, respectively. Thus, the Project would have a less-than-significant result related to both cancer and non-cancer health risks. Figure 5, *Construction Model Output*, displays the total emission contour output for the Project's construction model.

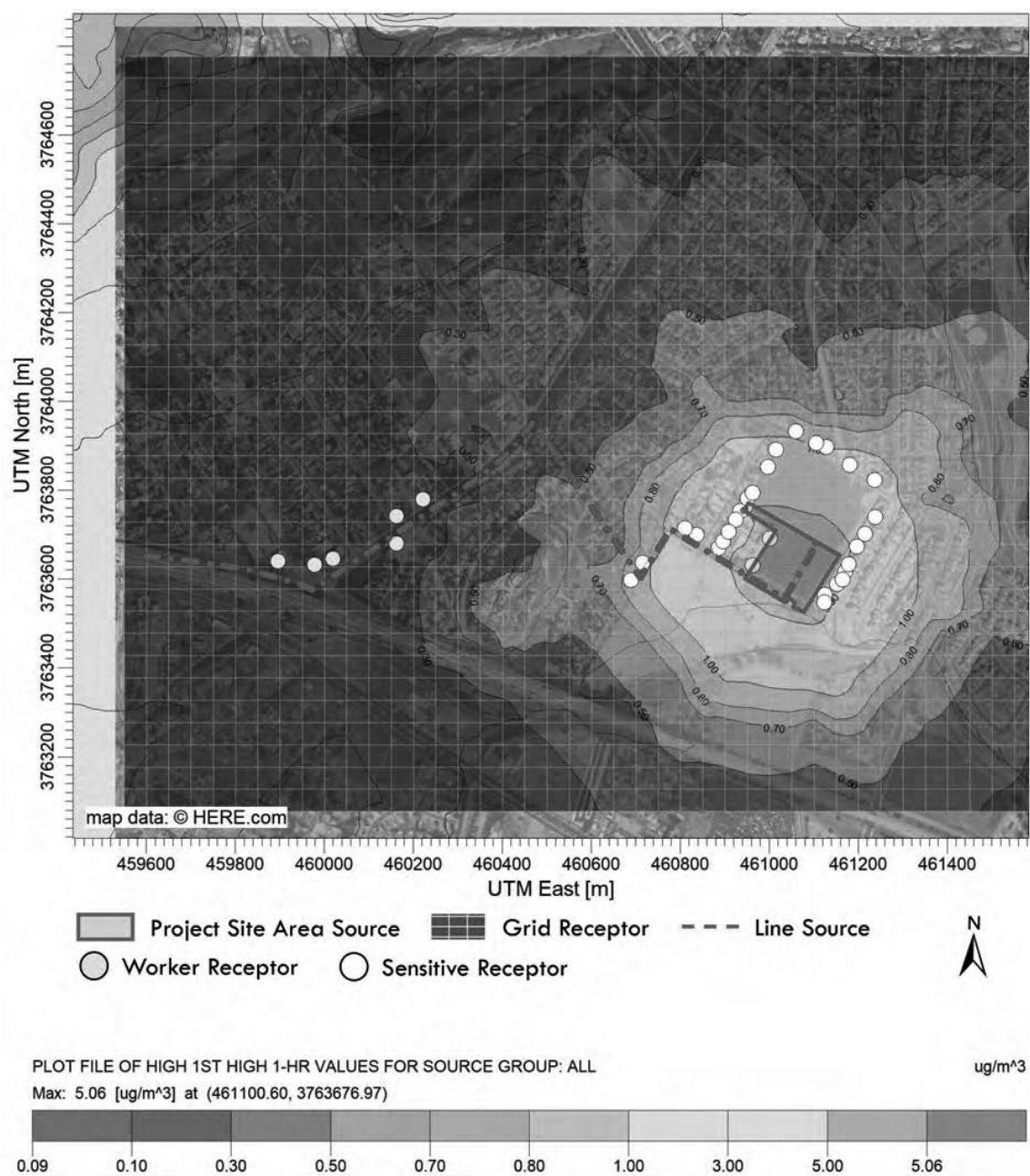
Table 8: Summary of Proposed Project Construction Health Risk

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	8.79	10	No
Maximum Impacted Sensitive Receptor – Adult	0.31	10	No
Maximum Impacted Worker Receptor	0.27	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.02	1.0	No
Maximum Impacted Sensitive Receptor – Adult	0.02	1.0	No
Maximum Impacted Worker Receptor	0.02	1.0	No

Source: See Data Attachment in Appendix D.

The SCAB has a nonattainment status, meaning that the SCAB does not meet national air quality standards for certain criteria pollutants. Project-specific thresholds were established at levels intended to reduce cumulative health risk impacts. Therefore, project-specific thresholds are the same as cumulative thresholds. Since the proposed Project would not exceed project-level thresholds, it would have a less than significant cumulative impact for cancer and non-cancer health risks.

Figure 5: Construction Model Output



Skilled Nursing Facility
 Riverside County

4 CONCLUSION

The emissions from Project construction would not result in cancer health risk results that exceed the lifetime cancer risk threshold of 10 in one million at the maximum impacted sensitive receptor. The Project's emissions for construction would not result in a non-cancer risk greater than the 1.0 non-cancer HI threshold. The Project's maximum construction health risk results are summarized below.

Maximum Project Construction Health Risk Results:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 8.79 in one million
- Worker receptor: 0.27 in one million
- Sensitive receptor chronic non-cancer HI: 0.02
- Worker receptor chronic non-cancer HI: 0.02

The Project construction health risk results would not exceed the SCAQMD significance thresholds of 10 in one million for cancer risk and 1.0 for non-cancer HI. Therefore, the construction of the proposed Project would result in a less-than-significant project-level and cumulative-level impact for cancer and non-cancer health risk. No mitigation would be required.

5 REFERENCES

California Air Resources Board. (2017). *Study Links California Regulations, Dramatic Declines in Cancer Risk from Exposure to Air Toxics*. Retrieved from <https://ww2.arb.ca.gov/news/study-links-california-regulations-dramatic-declines-cancer-risk-exposure-air-toxics>

California Health and Safety Code. (n.d.). *Section 44306 Chapter 1252. (1987) AB 2588*.

California Office of Environmental Health Hazards Assessment. (2015). *Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments*. Retrieved from Air Toxics Hot Spots Program : <https://oehha.ca.gov/media/downloads/cnr/2015guidancemanual.pdf>

South Coast Air Quality Management District. (2019). *CEQA Comment Letter, Mitigated Negative Declaration (MND) for the Proposed Alder II Warehouse Project*. . Retrieved from <http://www.aqmd.gov/docs/default-source/ceqa/comment-letters/2019/january/SBC181221-08.pdf?sfvrsn=8>.

South Coast Air Quality Management District. (2003). *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*.

South Coast Air Quality Management District. (2017). Retrieved from Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1.

South Coast Air Quality Management District. (2021). *Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES-V)*. . Retrieved from <http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-v>

APPENDIX A – CALEEMOD OUTPUT SHEETS

24-095 Skilled Nursing Facility Project PM10E Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2027) - Unmitigated

3.3. Site Preparation (2027) - Unmitigated

3.5. Grading (2027) - Unmitigated

3.7. Building Construction (2027) - Unmitigated

3.9. Building Construction (2028) - Unmitigated

3.11. Paving (2028) - Unmitigated

3.13. Architectural Coating (2028) - Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	24-095 Skilled Nursing Facility Project PM10E
Construction Start Date	1/4/2027
Operational Year	2028
Lead Agency	City of Jurupa Valley
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	6.80
Location	34.01421560440683, -117.42211153453763
County	Riverside-South Coast
City	Jurupa Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5426
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

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
Congregate Care (Assisted Living)	99.0	Dwelling Unit	2.31	42,000	58,762	—	320	—

Parking Lot	248	Space	0.94	0.00	0.00	—	—	—
Other Asphalt Surfaces	2.42	Acre	2.42	0.00	0.00	—	—	—
Medical Office Building	12.0	1000sqft	0.28	12,000	0.00	—	—	—
Other Asphalt Surfaces	2.02	1000sqft	0.05	0.00	0.00	—	—	Offsite Improvement

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	21.0	10.8	19.1	0.03	0.37	1.46	0.60	4,058
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	3.71	32.8	31.3	0.07	1.62	7.51	4.23	8,762
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	1.44	8.76	13.2	0.02	0.31	1.29	0.56	3,090
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.26	1.60	2.42	< 0.005	0.06	0.24	0.10	512
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	75.0	100	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2027	1.42	10.8	19.1	0.03	0.37	1.46	0.60	4,058
2028	21.0	7.53	11.8	0.02	0.29	0.55	0.33	1,899
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2027	3.71	32.8	31.3	0.07	1.62	7.51	4.23	8,762
2028	1.35	10.3	17.7	0.03	0.33	1.42	0.57	3,948
Average Daily	—	—	—	—	—	—	—	—
2027	1.08	8.76	13.2	0.02	0.31	1.29	0.56	3,090
2028	1.44	2.11	3.62	0.01	0.07	0.28	0.11	777
Annual	—	—	—	—	—	—	—	—
2027	0.20	1.60	2.42	< 0.005	0.06	0.24	0.10	512
2028	0.26	0.39	0.66	< 0.005	0.01	0.05	0.02	129

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	5.76	6.15	34.4	0.08	0.24	6.38	1.80	9,774
Daily, Winter (Max)	—	—	—	—	—	—	—	—

Unmit.	5.02	6.28	24.1	0.07	0.24	6.37	1.79	9,321
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	4.47	4.50	24.1	0.06	0.16	5.21	1.44	7,997
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.82	0.82	4.40	0.01	0.03	0.95	0.26	1,324
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	150	—	150	55.0	—
Unmit.	No	No	No	No	—	No	No	—
Exceeds (Annual)	—	—	—	—	—	—	—	—
Threshold	—	—	—	—	—	—	—	3,000
Unmit.	—	—	—	—	—	—	—	No

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Mobile	2.78	2.61	25.2	0.07	0.05	6.18	1.60	7,024
Area	1.86	0.06	6.15	< 0.005	< 0.005	< 0.005	< 0.005	17.2
Energy	0.02	0.41	0.21	< 0.005	0.03	0.03	0.03	1,285
Water	—	—	—	—	—	—	—	87.2
Waste	—	—	—	—	—	—	—	795
Refrig.	—	—	—	—	—	—	—	0.84

Stationary	1.10	3.07	2.80	0.01	0.16	0.16	0.16	564
Total	5.76	6.15	34.4	0.08	0.24	6.38	1.80	9,774
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	2.61	2.80	21.1	0.06	0.05	6.18	1.60	6,588
Area	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.02	0.41	0.21	< 0.005	0.03	0.03	0.03	1,285
Water	—	—	—	—	—	—	—	87.2
Waste	—	—	—	—	—	—	—	795
Refrig.	—	—	—	—	—	—	—	0.84
Stationary	1.10	3.07	2.80	0.01	0.16	0.16	0.16	564
Total	5.02	6.28	24.1	0.07	0.24	6.37	1.79	9,321
Average Daily	—	—	—	—	—	—	—	—
Mobile	2.17	2.36	18.2	0.05	0.04	5.09	1.32	5,508
Area	1.68	0.04	4.21	< 0.005	< 0.005	< 0.005	< 0.005	11.8
Energy	0.02	0.41	0.21	< 0.005	0.03	0.03	0.03	1,285
Water	—	—	—	—	—	—	—	87.2
Waste	—	—	—	—	—	—	—	795
Refrig.	—	—	—	—	—	—	—	0.84
Stationary	0.60	1.68	1.54	< 0.005	0.09	0.09	0.09	309
Total	4.47	4.50	24.1	0.06	0.16	5.21	1.44	7,997
Annual	—	—	—	—	—	—	—	—
Mobile	0.40	0.43	3.31	0.01	0.01	0.93	0.24	912
Area	0.31	0.01	0.77	< 0.005	< 0.005	< 0.005	< 0.005	1.95
Energy	< 0.005	0.08	0.04	< 0.005	0.01	0.01	0.01	213
Water	—	—	—	—	—	—	—	14.4
Waste	—	—	—	—	—	—	—	132
Refrig.	—	—	—	—	—	—	—	0.14
Stationary	0.11	0.31	0.28	< 0.005	0.02	0.02	0.02	51.2

Total	0.82	0.82	4.40	0.01	0.03	0.95	0.26	1,324
-------	------	------	------	------	------	------	------	-------

3. Construction Emissions Details

3.1. Demolition (2027) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.21	19.9	18.6	0.03	0.80	0.80	0.73	3,439
Demolition	—	—	—	—	—	2.00	0.30	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.27	0.26	< 0.005	0.01	0.01	0.01	47.1
Demolition	—	—	—	—	—	0.03	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.05	< 0.005	< 0.005	< 0.005	< 0.005	7.80
Demolition	—	—	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.75	0.00	0.00	0.20	0.05	189

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	2.77	0.67	0.02	0.05	0.71	0.23	2,546
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	2.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	< 0.005	34.9
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.43
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	5.78

3.3. Site Preparation (2027) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	3.65	32.7	30.4	0.05	1.62	1.62	1.49	5,552
Dust From Material Movement	—	—	—	—	—	5.66	2.69	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.45	0.42	< 0.005	0.02	0.02	0.02	76.1
Dust From Material Movement	—	—	—	—	—	0.08	0.04	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.08	0.08	< 0.005	< 0.005	< 0.005	< 0.005	12.6
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.88	0.00	0.00	0.23	0.05	220
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	3.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.51
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2027) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	2.03	17.8	18.8	0.03	0.93	0.93	0.86	3,147

Dust From Material Movement	—	—	—	—	—	2.26	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.73	0.77	< 0.005	0.04	0.04	0.04	129
Dust From Material Movement	—	—	—	—	—	0.09	0.04	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.13	0.14	< 0.005	0.01	0.01	0.01	21.4
Dust From Material Movement	—	—	—	—	—	0.02	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.75	0.00	0.00	0.20	0.05	189
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	5.91	1.42	0.04	0.10	1.51	0.50	5,426
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	< 0.005	7.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.24	0.06	< 0.005	< 0.005	0.06	0.02	223
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	< 0.005	36.9

3.7. Building Construction (2027) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11	10.2	14.0	0.03	0.36	0.36	0.34	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.11	10.2	14.0	0.03	0.36	0.36	0.34	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	6.55	9.04	0.02	0.23	0.23	0.22	1,699
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.20	1.65	< 0.005	0.04	0.04	0.04	281
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.30	0.26	4.99	0.00	0.00	0.98	0.23	1,031
Vendor	0.01	0.39	0.12	< 0.005	0.01	0.11	0.04	389
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.28	0.29	3.77	0.00	0.00	0.98	0.23	946
Vendor	0.01	0.41	0.13	< 0.005	0.01	0.11	0.04	388

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.18	0.21	2.55	0.00	0.00	0.63	0.15	618
Vendor	< 0.005	0.26	0.08	< 0.005	< 0.005	0.07	0.02	250
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.03	0.04	0.47	0.00	0.00	0.11	0.03	102
Vendor	< 0.005	0.05	0.01	< 0.005	< 0.005	0.01	< 0.005	41.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2028) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.07	9.66	14.0	0.03	0.33	0.33	0.30	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.72	2.50	< 0.005	0.06	0.06	0.05	470
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.31	0.46	< 0.005	0.01	0.01	0.01	77.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.27	0.29	3.52	0.00	0.00	0.98	0.23	929
Vendor	0.01	0.39	0.12	< 0.005	0.01	0.11	0.04	379
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.66	0.00	0.00	0.17	0.04	168
Vendor	< 0.005	0.07	0.02	< 0.005	< 0.005	0.02	0.01	67.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.01	27.8
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	11.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2028) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	7.46	10.6	0.02	0.29	0.29	0.26	1,629
Paving	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	0.29	< 0.005	0.01	0.01	0.01	44.6

Paving	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.05	< 0.005	< 0.005	< 0.005	< 0.005	7.39
Paving	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.08	0.07	1.24	0.00	0.00	0.26	0.06	269
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	< 0.005	6.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	1.14
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2028) - 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
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Off-Road Equipment	0.14	1.08	1.49	< 0.005	0.02	0.02	0.02	179
Architectural Coatings	20.8	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.08	< 0.005	< 0.005	< 0.005	< 0.005	9.79
Architectural Coatings	1.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	1.62
Architectural Coatings	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.93	0.00	0.00	0.20	0.05	202
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	< 0.005	10.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	1.71

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	1.09	0.91	8.65	0.02	0.02	2.05	0.53	2,338
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	1.68	1.70	16.6	0.05	0.03	4.13	1.07	4,685
Total	2.78	2.61	25.2	0.07	0.05	6.18	1.60	7,024
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	1.03	0.98	7.34	0.02	0.02	2.05	0.53	2,194
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	1.58	1.82	13.8	0.04	0.03	4.13	1.07	4,394
Total	2.61	2.80	21.1	0.06	0.05	6.18	1.60	6,588
Annual	—	—	—	—	—	—	—	—

Congregate Care (Assisted Living)	0.17	0.17	1.30	< 0.005	< 0.005	0.35	0.09	343
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	0.22	0.26	2.02	0.01	< 0.005	0.58	0.15	569
Total	0.40	0.43	3.31	0.01	0.01	0.93	0.24	912

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)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	534
Parking Lot	—	—	—	—	—	—	—	34.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	200
Total	—	—	—	—	—	—	—	768
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	534
Parking Lot	—	—	—	—	—	—	—	34.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	200

Total	—	—	—	—	—	—	—	768
Annual	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	88.5
Parking Lot	—	—	—	—	—	—	—	5.66
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	33.1
Total	—	—	—	—	—	—	—	127

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)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	0.02	0.32	0.14	< 0.005	0.03	0.03	0.03	410
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	< 0.005	0.09	0.07	< 0.005	0.01	0.01	0.01	106
Total	0.02	0.41	0.21	< 0.005	0.03	0.03	0.03	517
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	0.02	0.32	0.14	< 0.005	0.03	0.03	0.03	410
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	< 0.005	0.09	0.07	< 0.005	0.01	0.01	0.01	106

Total	0.02	0.41	0.21	< 0.005	0.03	0.03	0.03	517
Annual	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	< 0.005	0.06	0.03	< 0.005	< 0.005	< 0.005	< 0.005	67.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	17.6
Total	< 0.005	0.08	0.04	< 0.005	0.01	0.01	0.01	85.5

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.17	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—
Landscape Equipment	0.58	0.06	6.15	< 0.005	< 0.005	< 0.005	< 0.005	17.2
Total	1.86	0.06	6.15	< 0.005	< 0.005	< 0.005	< 0.005	17.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.17	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—
Total	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.21	—	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.01	0.77	< 0.005	< 0.005	< 0.005	< 0.005	1.95
Total	0.31	0.01	0.77	< 0.005	< 0.005	< 0.005	< 0.005	1.95

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)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	65.0
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	22.2
Total	—	—	—	—	—	—	—	87.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	65.0
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	22.2

Total	—	—	—	—	—	—	—	87.2
Annual	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	10.8
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	3.67
Total	—	—	—	—	—	—	—	14.4

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)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	551
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	244
Total	—	—	—	—	—	—	—	795
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	551
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00

Medical Office Building	—	—	—	—	—	—	—	244
Total	—	—	—	—	—	—	—	795
Annual	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	91.2
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
Medical Office Building	—	—	—	—	—	—	—	40.5
Total	—	—	—	—	—	—	—	132

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)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	0.53
Medical Office Building	—	—	—	—	—	—	—	0.31
Total	—	—	—	—	—	—	—	0.84
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Congregate Care (Assisted Living)	—	—	—	—	—	—	—	0.53
Medical Office Building	—	—	—	—	—	—	—	0.31
Total	—	—	—	—	—	—	—	0.84
Annual	—	—	—	—	—	—	—	—

Congregate Care (Assisted Living)	—	—	—	—	—	—	—	0.09
Medical Office Building	—	—	—	—	—	—	—	0.05
Total	—	—	—	—	—	—	—	0.14

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	—	—	—	—	—	—	—	—

4.8. 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)	—	—	—	—	—	—	—	—
Emergency Generator	1.10	3.07	2.80	0.01	0.16	0.16	0.16	564
Total	1.10	3.07	2.80	0.01	0.16	0.16	0.16	564
Daily, Winter (Max)	—	—	—	—	—	—	—	—

Emergency Generator	1.10	3.07	2.80	0.01	0.16	0.16	0.16	564
Total	1.10	3.07	2.80	0.01	0.16	0.16	0.16	564
Annual	—	—	—	—	—	—	—	—
Emergency Generator	0.11	0.31	0.28	< 0.005	0.02	0.02	0.02	51.2
Total	0.11	0.31	0.28	< 0.005	0.02	0.02	0.02	51.2

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	—	—	—	—	—	—	—	—

4.10. 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	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/4/2027	1/8/2027	5.00	5.00	—
Site Preparation	Site Preparation	1/9/2027	1/15/2027	5.00	5.00	—
Grading	Grading	1/16/2027	2/5/2027	5.00	15.0	—
Building Construction	Building Construction	2/6/2027	3/31/2028	5.00	300	—
Paving	Paving	4/1/2028	4/14/2028	5.00	10.0	—
Architectural Coating	Architectural Coating	4/15/2028	5/12/2028	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Back hoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	36.6	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	78.0	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	75.1	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	12.5	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	15.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	85,050	28,350	18,000	6,000	8,897

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	731	—
Site Preparation	—	—	17.5	0.00	—
Grading	—	9,355	37.5	0.00	—
Paving	0.00	0.00	0.00	0.00	3.40

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
----------------------------	---------------------	----------------	-----------------

Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Congregate Care (Assisted Living)	—	0%
Parking Lot	0.94	100%
Other Asphalt Surfaces	2.42	100%
Medical Office Building	0.00	0%
Other Asphalt Surfaces	0.05	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	0.00	346	0.03	< 0.005
2028	0.00	346	0.03	< 0.005

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
Congregate Care (Assisted Living)	303	230	239	103,398	2,868	2,174	2,259	978,887
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Medical Office Building	432	165	13.7	121,964	5,791	2,217	183	1,634,894

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
------------------------	------	------	------	------	------	------	------	------

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Congregate Care (Assisted Living)	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	99
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	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)
85050	28,350	18,000	6,000	8,897

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Congregate Care (Assisted Living)	560,257	346	0.0330	0.0040	1,276,388
Parking Lot	35,849	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
Medical Office Building	209,318	346	0.0330	0.0040	331,040
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Congregate Care (Assisted Living)	4,026,704	1,138,761
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Medical Office Building	1,505,766	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Congregate Care (Assisted Living)	292	—
Parking Lot	0.00	—

Other Asphalt Surfaces	0.00	—
Medical Office Building	130	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Congregate Care (Assisted Living)	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Congregate Care (Assisted Living)	Household refrigerators and/or freezers	R-134a	1,430	0.22	0.60	0.00	1.00
Medical Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.45	0.60	0.00	1.00
Medical Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Emergency Generator	Diesel	1.00	1.00	200	670	0.73

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type
----------------	-----------

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
--------------------------	----------------------	---------------	-------------

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
--------------------	---------------	-------------

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.2	annual days of extreme heat
Extreme Precipitation	3.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	3.43	annual hectares burned

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

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

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	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	3	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	95.3
AQ-PM	93.7
AQ-DPM	74.1
Drinking Water	94.6
Lead Risk Housing	43.1

Pesticides	16.1
Toxic Releases	68.7
Traffic	84.4
Effect Indicators	—
CleanUp Sites	96.4
Groundwater	63.4
Haz Waste Facilities/Generators	70.1
Impaired Water Bodies	0.00
Solid Waste	0.00
Sensitive Population	—
Asthma	62.3
Cardio-vascular	72.7
Low Birth Weights	69.2
Socioeconomic Factor Indicators	—
Education	75.2
Housing	9.19
Linguistic	52.5
Poverty	56.2
Unemployment	76.1

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	32.37520852
Employed	7.314256384
Median HI	48.7488772
Education	—

Bachelor's or higher	22.50737842
High school enrollment	100
Preschool enrollment	5.492108302
Transportation	—
Auto Access	93.63531374
Active commuting	23.7520852
Social	—
2-parent households	87.89939689
Voting	28.15347106
Neighborhood	—
Alcohol availability	74.65674323
Park access	4.876170923
Retail density	16.61747722
Supermarket access	2.399589375
Tree canopy	11.27935327
Housing	—
Homeownership	69.85756448
Housing habitability	41.22930835
Low-inc homeowner severe housing cost burden	33.41460285
Low-inc renter severe housing cost burden	47.10637752
Uncrowded housing	14.25638393
Health Outcomes	—
Insured adults	35.51905556
Arthritis	0.0
Asthma ER Admissions	38.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0

Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	18.0
Cognitively Disabled	41.3
Physically Disabled	83.0
Heart Attack ER Admissions	11.7
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	54.3
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	4.1
SLR Inundation Area	0.0
Children	28.6
Elderly	76.6
English Speaking	34.2
Foreign-born	58.0
Outdoor Workers	15.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.6
Traffic Density	85.9

Traffic Access	23.0
Other Indices	—
Hardship	87.9
Other Decision Support	—
2016 Voting	40.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	86.0
Healthy Places Index Score for Project Location (b)	23.0
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

Screen	Justification
Land Use	Adjusted values per site plan. Of the 17.7-acre project site, only 5.95 acres is proposed for development. One parcel is currently developed and another would remain vacant.

Construction: Construction Phases	Adjusted default schedule per client input: shortened demolition, site preparation and grading phases, and extended building construction phase.
Construction: Off-Road Equipment	Replaced t/l/b with crawler tractors to accurately measure site disturbance. Conservatively assumed all equipment would run 8 hours a day.
Operations: Vehicle Data	Adjusted weekday, Saturday, and Sunday trip rates for assisted living facility and medical office building to ITE 11th edition rates (land use codes 620, 720).
Operations: Hearths	No proposed fire places.
Operations: Emergency Generators and Fire Pumps	Included one 500 kilowatt emergency generator per client plans. Assumed a default of 1 hour a day, 200 hours per year in accordance with SCAQMD permit rules.

APPENDIX B – AERMOD CONSTRUCTION MODEL OUTPUT

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 3/31/2025
** File: C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skilled_Nursing.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill
  MODELOPT_DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 2492000 Riverside_County_Population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 24_095_Skilled_Nursing.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREAl      AREAPOLY  460942.818  3763753.317      274.390
** DESCRSRC Project Site Area Source
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = RT1
** DESCRSRC Route: Project > 33rd > 34th > Valley > SR60
** PREFIX
** Length of Side = 11.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 6.4081E-10
** Nodes = 15
** 461097.354, 3763661.493, 270.70, 2.64
** 461033.960, 3763555.334, 273.90, 2.64
** 460778.876, 3763711.805, 272.90, 2.64
** 460709.770, 3763603.091, 279.60, 2.64
** 460469.720, 3763952.924, 0.00, 2.64

```

```

** 460417.286, 3763887.382, 0.00, 2.64
** 460392.708, 3763865.261, 0.00, 2.64
** 460350.925, 3763830.851, 0.00, 2.64
** 459974.055, 3763574.417, 0.00, 2.64
** 459945.381, 3763587.525, 0.00, 2.64
** 459892.127, 3763603.091, 0.00, 2.64
** 459830.681, 3763620.296, 0.00, 2.64
** 459747.115, 3763633.405, 0.00, 2.64
** 459638.150, 3763647.333, 0.00, 2.64
** 459600.463, 3763651.429, 0.00, 2.64
** -----
LOCATION A0000001 AREA 461092.632 3763664.313 0.00
LOCATION A0000002 AREA 461060.935 3763611.233 0.00
LOCATION A0000003 AREA 461036.836 3763560.022 0.00
LOCATION A0000004 AREA 460951.808 3763612.179 0.00
LOCATION A0000005 AREA 460866.780 3763664.336 0.00
LOCATION A0000006 AREA 460774.234 3763714.756 0.00
LOCATION A0000007 AREA 460739.681 3763660.399 0.00
LOCATION A0000008 AREA 460714.305 3763606.203 0.00
LOCATION A0000009 AREA 460654.292 3763693.661 0.00
LOCATION A0000010 AREA 460594.280 3763781.120 0.00
LOCATION A0000011 AREA 460534.268 3763868.578 0.00
LOCATION A0000012 AREA 460465.426 3763956.360 0.00
LOCATION A0000013 AREA 460413.607 3763891.470 0.00
LOCATION A0000014 AREA 460389.212 3763869.507 0.00
LOCATION A0000015 AREA 460347.831 3763835.399 0.00
LOCATION A0000016 AREA 460272.457 3763784.112 0.00
LOCATION A0000017 AREA 460197.083 3763732.825 0.00
LOCATION A0000018 AREA 460121.709 3763681.538 0.00
LOCATION A0000019 AREA 460046.335 3763630.251 0.00
LOCATION A0000020 AREA 459976.342 3763579.419 0.00
LOCATION A0000021 AREA 459946.924 3763592.804 0.00
LOCATION A0000022 AREA 459893.610 3763608.388 0.00
LOCATION A0000023 AREA 459831.534 3763625.730 0.00
LOCATION A0000024 AREA 459747.812 3763638.860 0.00
LOCATION A0000025 AREA 459638.745 3763652.800 0.00
** End of LINE AREA Source ID = RT1
** Source Parameters **
SRCPARAM PAREA1 2.51E-07 5.000 10
AREAVERT PAREA1 460942.818 3763753.317 460952.877 3763770.921
AREAVERT PAREA1 461157.577 3763653.231 461077.608 3763525.482
AREAVERT PAREA1 461053.466 3763536.547 461057.728 3763546.921
AREAVERT PAREA1 461045.193 3763555.774 461035.863 3763547.109
AREAVERT PAREA1 460945.332 3763600.421 461014.739 3763707.549
** LINE AREA Source ID = RT1
SRCPARAM A0000001 6.4081E-10 2.643 61.823 11.000
120.844 2.459
SRCPARAM A0000002 6.4081E-10 2.643 61.823 11.000
120.844 2.459
SRCPARAM A0000003 6.4081E-10 2.643 99.750 11.000 -
148.475 2.459
SRCPARAM A0000004 6.4081E-10 2.643 99.750 11.000 -
148.475 2.459

```

148.475	SRCPARAM A0000005	6.4081E-10	2.643	99.750	11.000	-
	2.459					
122.443	SRCPARAM A0000006	6.4081E-10	2.643	64.410	11.000	
	2.459					
122.443	SRCPARAM A0000007	6.4081E-10	2.643	64.410	11.000	
	2.459					
124.457	SRCPARAM A0000008	6.4081E-10	2.643	106.068	11.000	-
	2.459					
124.457	SRCPARAM A0000009	6.4081E-10	2.643	106.068	11.000	-
	2.459					
124.457	SRCPARAM A0000010	6.4081E-10	2.643	106.068	11.000	-
	2.459					
124.457	SRCPARAM A0000011	6.4081E-10	2.643	106.068	11.000	-
	2.459					
128.660	SRCPARAM A0000012	6.4081E-10	2.643	83.935	11.000	
	2.459					
138.013	SRCPARAM A0000013	6.4081E-10	2.643	33.067	11.000	
	2.459					
140.528	SRCPARAM A0000014	6.4081E-10	2.643	54.128	11.000	
	2.459					
145.767	SRCPARAM A0000015	6.4081E-10	2.643	91.168	11.000	
	2.459					
145.767	SRCPARAM A0000016	6.4081E-10	2.643	91.168	11.000	
	2.459					
145.767	SRCPARAM A0000017	6.4081E-10	2.643	91.168	11.000	
	2.459					
145.767	SRCPARAM A0000018	6.4081E-10	2.643	91.168	11.000	
	2.459					
145.767	SRCPARAM A0000019	6.4081E-10	2.643	91.168	11.000	
	2.459					
155.433	SRCPARAM A0000020	6.4081E-10	2.643	31.529	11.000	-
	2.459					
163.706	SRCPARAM A0000021	6.4081E-10	2.643	55.482	11.000	-
	2.459					
164.358	SRCPARAM A0000022	6.4081E-10	2.643	63.809	11.000	-
	2.459					
171.085	SRCPARAM A0000023	6.4081E-10	2.643	84.589	11.000	-
	2.459					
172.716	SRCPARAM A0000024	6.4081E-10	2.643	109.851	11.000	-
	2.459					
173.797	SRCPARAM A0000025	6.4081E-10	2.643	37.909	11.000	-
	2.459					

**

 URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW) "

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT PAREA1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT PAREA1 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0

EMISFACT PAREA1 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0

EMISFACT PAREA1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT PAREA1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

[illegible]

[illegible]

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
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	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	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

SRCGROUP ALL

SO FINISHED

** AERMOD Receptor Pathway

**

RE STARTING

INCLUDED 24_095_Skilled_Nursing.rou

RE FINISHED

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE "C:\Lakes\Met Data\KRAL_V9_ADJU\KRAL_v9.SFC"
PROFFILE "C:\Lakes\Met Data\KRAL_V9_ADJU\KRAL_v9.PFL"
SURFDATA 3171 2012 Riverside_Airport
UAIRDATA 3190 2012
PROFBASE 250.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST 24_095_Skilled_Nursing.AD\01H1GALL.PLT 31
PLOTFILE PERIOD ALL 24_095_Skilled_Nursing.AD\PE00GALL.PLT 32
SUMMFILE 24_095_Skilled_Nursing.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 469 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 469 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

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 26

Source(s),

- for Total of 1 Urban Area(s):
- Urban Population = 2492000.0 ; 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: 26 Source(s); 1 Source Group(s); and
1611 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 26 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0
line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 250.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: 24_095_Skilled_Nursing.err

**File for Summary of Results: 24_095_Skilled_Nursing.sum

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA

X-DIM	Y-DIM	NUMBER	EMISSION	RATE	COORD (SW CORNER)	BASE	RELEASE
SOURCE	PART.	ORIENT.	INIT.	URBAN	EMISSION	RATE	AIRCRAFT
OF AREA	OF AREA	OF AREA	SZ	SOURCE	SCALAR	VARY	HEIGHT
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(METERS)	(DEG.)	(METERS)	BY			
A0000001	0	0.64081E-09	461092.6	3763664.3	0.0	2.64	
61.82	11.00	120.84	2.46	YES	HRDOW	NO	
A0000002	0	0.64081E-09	461060.9	3763611.2	0.0	2.64	
61.82	11.00	120.84	2.46	YES	HRDOW	NO	
A0000003	0	0.64081E-09	461036.8	3763560.0	0.0	2.64	
99.75	11.00	-148.47	2.46	YES	HRDOW	NO	
A0000004	0	0.64081E-09	460951.8	3763612.2	0.0	2.64	
99.75	11.00	-148.47	2.46	YES	HRDOW	NO	
A0000005	0	0.64081E-09	460866.8	3763664.3	0.0	2.64	
99.75	11.00	-148.47	2.46	YES	HRDOW	NO	
A0000006	0	0.64081E-09	460774.2	3763714.8	0.0	2.64	
64.41	11.00	122.44	2.46	YES	HRDOW	NO	
A0000007	0	0.64081E-09	460739.7	3763660.4	0.0	2.64	
64.41	11.00	122.44	2.46	YES	HRDOW	NO	
A0000008	0	0.64081E-09	460714.3	3763606.2	0.0	2.64	
106.07	11.00	-124.46	2.46	YES	HRDOW	NO	
A0000009	0	0.64081E-09	460654.3	3763693.7	0.0	2.64	
106.07	11.00	-124.46	2.46	YES	HRDOW	NO	
A0000010	0	0.64081E-09	460594.3	3763781.1	0.0	2.64	
106.07	11.00	-124.46	2.46	YES	HRDOW	NO	
A0000011	0	0.64081E-09	460534.3	3763868.6	0.0	2.64	
106.07	11.00	-124.46	2.46	YES	HRDOW	NO	
A0000012	0	0.64081E-09	460465.4	3763956.4	0.0	2.64	
83.94	11.00	128.66	2.46	YES	HRDOW	NO	
A0000013	0	0.64081E-09	460413.6	3763891.5	0.0	2.64	
33.07	11.00	138.01	2.46	YES	HRDOW	NO	
A0000014	0	0.64081E-09	460389.2	3763869.5	0.0	2.64	
54.13	11.00	140.53	2.46	YES	HRDOW	NO	
A0000015	0	0.64081E-09	460347.8	3763835.4	0.0	2.64	
91.17	11.00	145.77	2.46	YES	HRDOW	NO	
A0000016	0	0.64081E-09	460272.5	3763784.1	0.0	2.64	
91.17	11.00	145.77	2.46	YES	HRDOW	NO	

A0000017		0	0.64081E-09	460197.1	3763732.8	0.0	2.64
91.17	11.00		145.77	2.46	YES	HRDOW	NO
A0000018		0	0.64081E-09	460121.7	3763681.5	0.0	2.64
91.17	11.00		145.77	2.46	YES	HRDOW	NO
A0000019		0	0.64081E-09	460046.3	3763630.3	0.0	2.64
91.17	11.00		145.77	2.46	YES	HRDOW	NO
A0000020		0	0.64081E-09	459976.3	3763579.4	0.0	2.64
31.53	11.00		-155.43	2.46	YES	HRDOW	NO
A0000021		0	0.64081E-09	459946.9	3763592.8	0.0	2.64
55.48	11.00		-163.71	2.46	YES	HRDOW	NO
A0000022		0	0.64081E-09	459893.6	3763608.4	0.0	2.64
63.81	11.00		-164.36	2.46	YES	HRDOW	NO
A0000023		0	0.64081E-09	459831.5	3763625.7	0.0	2.64
84.59	11.00		-171.09	2.46	YES	HRDOW	NO
A0000024		0	0.64081E-09	459747.8	3763638.9	0.0	2.64
109.85	11.00		-172.72	2.46	YES	HRDOW	NO
A0000025		0	0.64081E-09	459638.7	3763652.8	0.0	2.64
37.91	11.00		-173.80	2.46	YES	HRDOW	NO

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION	OF AREA	BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE	AIRCRAFT		
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.25100E-06	460942.8	3763753.3	274.4	5.00	
10	0.00	YES	HRDOW	NO			

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	
A0000004	PAREA1 , A0000001 , A0000002 , A0000003 , , A0000005 , A0000006 , A0000007 ,
A0000012	A0000008 , A0000009 , A0000010 , A0000011 , , A0000013 , A0000014 , A0000015 ,
A0000020	A0000016 , A0000017 , A0000018 , A0000019 , , A0000021 , A0000022 , A0000023 ,
	A0000024 , A0000025 ,

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
A0000003	2492000. PAREA1	A0000001 , A0000002 ,
A0000007	, A0000004 , A0000005	, A0000006 ,
A0000012	A0000008 , A0000009	, A0000010 , A0000011 ,
	, A0000013 , A0000014	, A0000015 ,
A0000020	A0000016 , A0000017	, A0000018 , A0000019 ,
	, A0000021 , A0000022	, A0000023 ,
	A0000024 , A0000025	,

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 6

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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	25	.0000E+00
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	.0000E+00
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	.0000E+00

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

```

PAGE 7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

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		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
6	.0000E+00	7	.1000E+01	8	.1000E+01	9	.1000E+01	10	
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

```

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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 22 .0000E+00 23 .0000E+00 24 .0000E+00

```

```

*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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

```

```

*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 12

*** 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   6 .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13
.0000E+00  14 .0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21
.0000E+00  22 .0000E+00  23 .0000E+00  24 .0000E+00
DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5
.0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13
.0000E+00  14 .0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 13

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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

```

```

*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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

```

```

*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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
-----
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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000010		; SOURCE TYPE = AREA		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000012		; SOURCE TYPE = AREA		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000013		; SOURCE TYPE = AREA		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000014		; SOURCE TYPE = AREA		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

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		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 22

*** 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		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 23

*** 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   HOUR   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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

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
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5
.0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13
.0000E+00  14 .0000E+00  15 .0000E+00  16 .0000E+00
 17 .0000E+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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000020		; SOURCE TYPE = AREA		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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	25	.0000E+00
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	.0000E+00
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	.0000E+00

```

*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 27

*** 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  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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

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

```

```

*** AERMOD - VERSION 24142 ***      *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill ***      03/31/25
*** AERMET - VERSION 16216 ***      ***
***      09:15:47

```

PAGE 29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* 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

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000024		; SOURCE TYPE = AREA		:					
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
6	.0000E+00	7	.1000E+01	8	.1000E+01	9	.1000E+01	10	
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	
DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	
DAY OF WEEK = SUNDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 31

*** 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							
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.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\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK

SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

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

459550.6, 459600.6, 459650.6, 459700.6, 459750.6, 459800.6,
459850.6, 459900.6, 459950.6, 460000.6,
460050.6, 460100.6, 460150.6, 460200.6, 460250.6, 460300.6,
460350.6, 460400.6, 460450.6, 460500.6,
460550.6, 460600.6, 460650.6, 460700.6, 460750.6, 460800.6,
460850.6, 460900.6, 460950.6, 461000.6,
461050.6, 461100.6, 461150.6, 461200.6, 461250.6, 461300.6,
461350.6, 461400.6, 461450.6, 461500.6,
461550.6, 461600.6, 461650.6, 461700.6, 461750.6,

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

3763077.0, 3763127.0, 3763177.0, 3763227.0, 3763277.0, 3763327.0,
3763377.0, 3763427.0, 3763477.0, 3763527.0,
3763577.0, 3763627.0, 3763677.0, 3763727.0, 3763777.0, 3763827.0,
3763877.0, 3763927.0, 3763977.0, 3764027.0,
3764077.0, 3764127.0, 3764177.0, 3764227.0, 3764277.0, 3764327.0,
3764377.0, 3764427.0, 3764477.0, 3764527.0,
3764577.0, 3764627.0, 3764677.0, 3764727.0, 3764777.0,

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 33

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN

METERS *

Y-COORD (METERS)					X-COORD
		459550.60	459600.60	459650.60	459700.60
459750.60	459800.60	459850.60	459900.60	459950.60	

3764776.97		407.90	382.30	366.20	368.10
372.10	359.70	329.40	327.70	317.30	
3764726.97		412.00	389.70	364.90	348.40
348.00	340.70	331.40	322.60	319.00	
3764676.97		389.60	376.20	361.00	351.40
340.30	336.20	323.50	319.20	316.00	
3764626.97		367.80	354.90	344.60	339.20
335.40	326.80	322.90	319.70	311.90	
3764576.97		346.90	338.60	333.70	332.70
330.30	327.10	321.50	318.00	309.80	
3764526.97		333.50	331.50	329.10	326.80
320.70	318.10	319.60	315.10	309.10	
3764476.97		330.60	325.40	323.20	321.30
320.20	317.90	314.70	311.90	308.00	
3764426.97		326.30	326.10	323.30	318.10
314.60	313.00	312.00	307.80	305.00	
3764376.97		320.10	319.70	317.00	313.80
311.60	309.80	307.80	304.90	302.30	
3764326.97		315.30	314.70	313.90	311.40
309.10	307.40	304.70	302.00	299.60	
3764276.97		311.50	311.00	309.90	308.60
306.60	304.80	302.90	300.60	298.00	
3764226.97		307.90	307.40	306.10	305.30
303.90	302.40	300.30	298.50	296.80	
3764176.97		303.70	303.40	302.50	301.90
301.30	299.90	297.60	296.00	294.90	
3764126.97		300.00	299.60	299.60	298.70
298.50	298.10	296.40	293.80	292.70	
3764076.97		296.80	295.90	296.60	295.80
295.50	295.10	293.40	291.80	290.80	
3764026.97		293.30	292.70	293.40	293.50
292.80	292.40	290.40	289.20	288.50	

3763976.97		290.90	290.00	291.50	291.40
290.40	289.50	288.20	286.80	286.40	
3763926.97		288.60	287.80	289.00	289.30
288.20	287.60	286.90	285.10	284.40	
3763876.97		286.50	285.70	286.70	287.10
286.20	285.30	284.70	283.20	282.80	
3763826.97		284.10	283.80	285.40	284.90
284.40	283.30	282.60	281.50	281.00	
3763776.97		281.30	282.90	283.20	282.90
282.20	281.80	281.10	280.30	279.40	
3763726.97		280.50	280.20	280.90	280.80
280.10	280.30	279.70	279.20	278.10	
3763676.97		279.80	279.40	279.10	278.90
278.60	278.40	278.40	277.80	276.60	
3763626.97		279.10	278.80	278.90	279.30
279.70	278.80	277.60	276.50	275.80	
3763576.97		276.80	276.50	276.50	276.80
278.20	280.00	281.00	281.20	276.00	
3763526.97		274.70	274.60	275.10	275.70
275.50	275.70	275.10	274.70	278.80	
3763476.97		273.50	273.20	273.40	273.90
274.00	274.50	275.40	275.70	274.80	
3763426.97		272.40	272.20	272.80	272.50
272.00	272.90	275.40	275.20	275.80	
3763376.97		271.50	271.00	271.50	271.10
272.30	272.60	274.20	276.50	276.30	
3763326.97		270.60	270.20	270.70	270.90
271.90	274.50	276.30	278.50	280.20	
3763276.97		269.50	269.00	270.30	271.60
273.90	275.90	278.40	280.80	284.20	
3763226.97		268.80	269.70	271.20	272.80
275.50	278.00	280.60	283.90	287.50	
3763176.97		269.00	270.30	272.20	274.60
277.50	280.70	284.00	287.10	291.40	
3763126.97		269.60	271.20	273.60	276.40
279.50	284.00	288.00	292.10	296.30	
3763076.97		270.20	271.80	275.00	278.80
282.50	286.70	291.90	296.20	303.10	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 34

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN

METERS *

Y-COORD (METERS)					X-COORD
		460000.60	460050.60	460100.60	460150.60
460200.60	460250.60	460300.60	460350.60	460400.60	

3764776.97		310.80	289.40	266.60	266.60
284.80	308.60	311.10	304.60	303.20	
3764726.97		312.90	307.60	282.30	271.60
287.50	303.20	297.80	296.70	294.90	
3764676.97		310.40	307.50	293.80	271.80
282.00	294.40	298.60	298.50	300.60	
3764626.97		299.50	268.10	265.80	265.90
280.30	295.70	308.70	305.90	298.70	
3764576.97		305.80	296.10	271.10	267.90
286.70	300.20	305.50	303.20	295.30	
3764526.97		302.90	298.90	293.40	292.90
302.90	308.80	309.40	294.70	291.30	
3764476.97		304.50	298.20	296.20	297.10
299.90	305.30	303.30	295.20	296.90	
3764426.97		301.80	300.60	296.70	296.00
297.90	298.80	296.10	293.50	291.70	
3764376.97		299.40	296.70	297.10	294.90
299.00	304.10	292.60	293.60	291.20	
3764326.97		297.30	294.90	293.30	292.90
292.50	292.30	290.50	290.10	289.00	
3764276.97		296.60	293.50	291.90	291.50
291.00	290.00	289.20	288.50	288.30	
3764226.97		293.90	292.50	290.60	290.20
289.50	288.70	287.80	287.30	287.10	
3764176.97		293.10	291.10	289.20	288.60
288.00	287.30	286.60	285.90	284.20	
3764126.97		291.30	289.40	288.10	286.90
286.20	285.40	284.80	284.00	283.20	
3764076.97		289.30	287.60	285.90	285.50
284.90	284.30	284.00	283.90	282.30	
3764026.97		287.40	285.80	284.60	283.70
284.10	283.20	283.50	283.00	281.20	

3763976.97		285.70	284.30	282.90	282.50
282.10	281.70	281.00	280.40	279.70	
3763926.97		283.80	282.90	281.90	282.10
280.90	280.50	279.60	278.90	278.60	
3763876.97		281.90	280.90	279.90	280.30
280.50	280.00	278.90	278.30	278.30	
3763826.97		280.20	279.10	278.80	279.00
279.30	278.80	278.80	278.20	278.60	
3763776.97		278.70	277.90	277.30	277.80
278.00	277.80	278.30	279.20	281.10	
3763726.97		277.40	276.60	276.30	276.50
276.70	277.80	280.10	283.10	287.00	
3763676.97		276.30	275.80	275.20	275.80
276.60	279.30	283.00	288.10	295.00	
3763626.97		275.70	274.90	275.30	275.60
277.30	281.70	287.70	293.70	304.00	
3763576.97		274.90	275.50	275.40	275.70
278.20	284.00	290.40	302.00	311.40	
3763526.97		280.90	280.00	277.00	276.50
279.30	284.30	291.30	301.50	309.40	
3763476.97		275.60	277.80	279.20	279.00
278.90	282.60	288.50	294.70	304.30	
3763426.97		276.20	276.50	277.10	276.50
277.40	279.50	280.20	285.80	291.10	
3763376.97		276.40	276.20	276.60	276.90
275.60	274.60	276.30	280.50	280.60	
3763326.97		282.20	281.70	276.50	276.20
275.60	275.00	273.10	273.40	273.60	
3763276.97		286.40	287.30	283.80	276.00
275.30	273.00	272.10	270.70	270.80	
3763226.97		290.50	290.90	286.10	283.70
278.10	273.10	270.00	269.20	266.10	
3763176.97		295.90	294.70	288.40	283.40
277.90	275.30	270.20	267.60	264.90	
3763126.97		299.80	297.70	292.20	287.40
275.80	275.20	273.60	266.20	264.40	
3763076.97		302.70	297.60	286.50	282.90
276.90	272.00	268.80	265.20	263.10	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 35

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN

METERS *

Y-COORD (METERS)					X-COORD
		460450.60	460500.60	460550.60	460600.60
460650.60	460700.60	460750.60	460800.60	460850.60	

3764776.97		297.30	296.30	293.60	294.50
296.20	294.60	291.20	290.40	289.80	
3764726.97		296.60	298.50	295.80	294.00
291.70	291.10	291.90	290.00	289.60	
3764676.97		298.10	296.40	294.90	290.20
291.40	290.60	290.10	289.80	288.90	
3764626.97		298.90	299.90	292.80	291.60
290.50	289.50	290.00	289.60	288.90	
3764576.97		291.70	294.40	291.70	290.90
290.00	288.90	288.70	288.70	287.90	
3764526.97		288.30	289.50	290.20	290.00
289.40	288.40	287.50	287.40	287.00	
3764476.97		291.20	291.40	289.70	289.00
288.50	287.90	286.70	286.60	285.90	
3764426.97		291.60	289.20	288.40	288.10
287.50	287.10	286.20	285.40	284.90	
3764376.97		289.00	288.00	287.50	286.50
286.50	286.00	285.70	284.90	285.10	
3764326.97		288.00	286.80	286.40	285.80
285.60	285.20	284.60	284.30	283.10	
3764276.97		287.40	286.00	285.00	284.70
284.80	284.00	283.50	284.20	281.50	
3764226.97		285.40	284.70	284.50	284.70
283.30	283.50	283.00	282.70	281.60	
3764176.97		284.10	282.80	283.20	282.60
282.80	282.80	283.00	282.20	282.00	
3764126.97		282.90	282.10	282.40	281.50
283.10	281.90	281.80	281.90	282.00	
3764076.97		281.30	281.40	281.20	278.90
278.80	281.70	281.90	280.90	281.00	
3764026.97		281.00	280.70	279.60	278.60
278.40	278.20	278.50	281.20	279.90	

3763976.97		279.60	279.50	279.40	279.60
278.60	278.30	277.60	277.90	278.90	
3763926.97		279.00	279.20	278.30	278.30
277.90	277.10	278.00	277.70	277.10	
3763876.97		278.90	279.00	278.30	277.30
277.40	276.70	276.40	276.70	276.80	
3763826.97		279.60	280.00	278.20	276.40
277.30	275.70	276.50	275.70	275.60	
3763776.97		283.50	283.50	279.90	276.70
274.30	274.50	275.20	274.80	275.40	
3763726.97		292.20	293.20	285.40	276.80
274.50	273.90	273.70	273.70	274.20	
3763676.97		305.20	304.80	289.20	277.80
274.20	273.60	272.90	272.80	272.70	
3763626.97		314.70	304.50	288.70	279.60
273.50	272.90	272.60	271.90	272.00	
3763576.97		307.10	295.70	282.40	277.30
272.90	272.10	271.50	270.90	270.80	
3763526.97		299.50	287.80	280.40	274.60
272.20	271.30	270.90	270.20	269.80	
3763476.97		295.30	280.90	276.50	272.20
271.10	270.40	270.30	269.60	269.20	
3763426.97		284.10	277.00	273.40	270.80
270.10	269.50	269.40	269.00	268.70	
3763376.97		280.20	274.00	270.60	269.70
269.20	268.90	268.60	268.50	268.00	
3763326.97		274.30	278.80	273.70	269.40
269.20	268.10	267.70	267.80	266.90	
3763276.97		268.90	267.90	268.80	273.70
275.60	274.00	268.00	266.00	265.80	
3763226.97		265.60	266.00	266.10	266.10
265.80	266.60	271.50	271.30	268.60	
3763176.97		264.40	264.40	264.70	264.80
264.70	264.80	264.00	264.20	265.10	
3763126.97		263.40	263.30	263.50	263.80
263.90	264.30	263.00	263.20	262.70	
3763076.97		262.40	262.60	262.80	262.90
263.10	263.20	262.10	262.20	261.50	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 36

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN

METERS *

Y-COORD (METERS)					X-COORD
		460900.60	460950.60	461000.60	461050.60
461100.60	461150.60	461200.60	461250.60	461300.60	

3764776.97		289.30	289.00	288.60	288.10
287.90	288.50	288.90	290.20	292.10	
3764726.97		289.10	288.60	287.20	286.80
287.10	287.70	288.40	289.80	291.80	
3764676.97		288.60	286.70	286.80	286.60
287.30	287.80	288.40	290.90	291.10	
3764626.97		288.10	287.40	286.50	285.80
286.30	286.00	286.40	290.40	290.60	
3764576.97		286.80	286.40	286.40	286.10
285.60	285.10	285.90	289.60	290.10	
3764526.97		286.00	285.70	285.50	284.50
284.70	285.50	286.70	288.20	289.60	
3764476.97		286.00	285.70	284.80	284.60
284.50	284.90	287.00	286.50	289.00	
3764426.97		285.10	283.50	283.90	284.30
284.00	283.50	285.30	287.20	288.40	
3764376.97		283.00	283.90	283.10	283.20
283.50	283.30	283.10	285.70	287.80	
3764326.97		282.30	282.60	282.90	282.50
281.70	282.80	282.90	284.20	287.10	
3764276.97		281.80	282.60	281.50	281.70
281.50	282.30	282.50	283.90	285.70	
3764226.97		280.90	281.10	281.20	280.80
281.80	282.00	282.60	283.50	285.10	
3764176.97		281.40	280.30	279.90	279.40
279.70	281.40	281.10	282.90	284.20	
3764126.97		281.00	280.80	280.10	278.70
279.40	280.80	281.00	282.30	283.30	
3764076.97		280.90	278.90	278.60	278.70
278.90	280.40	280.80	282.30	282.40	
3764026.97		279.20	278.60	278.40	278.30
278.40	280.00	279.30	279.70	281.50	

3763976.97		279.00	277.40	277.20	277.60
277.50	278.50	279.00	279.30	280.40	
3763926.97		277.30	276.30	276.20	276.30
276.40	277.80	278.60	278.70	279.40	
3763876.97		276.80	275.30	276.20	276.70
276.50	275.90	277.70	278.00	278.10	
3763826.97		276.10	274.80	275.40	275.60
276.00	275.70	275.30	277.30	277.40	
3763776.97		274.90	274.70	274.60	274.60
275.10	275.00	274.60	275.40	276.70	
3763726.97		274.30	273.20	273.40	273.60
274.20	274.30	273.70	274.00	276.60	
3763676.97		273.20	272.80	272.60	272.70
273.20	273.40	272.90	273.30	276.40	
3763626.97		271.90	271.80	271.90	271.80
272.20	272.50	272.30	272.10	274.40	
3763576.97		270.90	270.80	270.70	270.80
271.10	271.50	271.70	271.80	273.90	
3763526.97		269.80	269.70	269.70	269.90
270.40	270.80	271.10	270.70	271.50	
3763476.97		268.90	268.90	269.10	269.30
269.80	270.30	270.70	270.10	270.70	
3763426.97		268.40	268.70	268.70	268.60
268.90	269.30	269.50	269.50	269.30	
3763376.97		267.50	267.10	266.70	266.90
268.00	267.90	267.80	267.90	268.10	
3763326.97		266.40	266.00	265.90	265.90
265.90	266.30	266.90	266.80	267.00	
3763276.97		265.50	265.40	265.10	265.10
265.30	265.40	265.60	265.90	266.00	
3763226.97		265.00	264.60	264.30	263.90
264.60	264.70	264.70	264.90	265.20	
3763176.97		268.10	267.20	264.50	263.00
263.20	263.30	263.60	264.00	264.40	
3763126.97		262.40	262.20	264.60	267.10
267.00	263.10	262.20	263.10	263.60	
3763076.97		261.50	261.40	261.60	262.30
262.30	267.40	268.50	264.10	262.30	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN

METERS *

Y-COORD (METERS)					X-COORD
		461350.60	461400.60	461450.60	461500.60
461550.60	461600.60	461650.60	461700.60	461750.60	

3764776.97		295.70	297.60	299.60	302.10
303.90	306.30	308.60	312.50	318.10	
3764726.97		294.30	296.40	298.80	301.20
303.70	306.30	309.00	311.50	313.70	
3764676.97		293.60	296.00	298.80	301.40
303.90	306.20	308.60	310.80	314.00	
3764626.97		293.50	295.80	298.30	300.70
302.70	305.10	307.90	310.90	314.70	
3764576.97		293.00	295.50	298.30	299.60
302.30	304.70	308.10	313.20	315.20	
3764526.97		292.50	295.20	297.10	298.20
300.60	304.10	309.60	323.20	329.80	
3764476.97		291.90	294.90	296.00	298.10
300.40	305.00	316.70	330.90	351.80	
3764426.97		292.90	294.30	295.40	297.10
300.90	307.00	327.40	349.70	370.30	
3764376.97		292.50	293.70	295.00	295.90
304.50	313.60	329.40	357.90	387.40	
3764326.97		291.60	292.80	295.00	295.50
297.00	339.10	334.30	356.90	393.80	
3764276.97		290.10	291.40	295.00	295.40
295.40	355.90	353.40	355.10	383.70	
3764226.97		289.00	290.40	295.10	295.30
295.40	317.10	372.70	359.40	375.60	
3764176.97		287.90	291.20	294.90	295.60
295.50	309.20	379.70	371.60	376.80	
3764126.97		286.70	288.70	295.00	295.20
295.80	296.60	377.00	383.70	378.20	
3764076.97		284.50	286.40	295.00	295.10
295.10	298.60	369.10	386.10	382.80	
3764026.97		283.60	285.60	294.90	294.90
295.50	296.50	362.70	387.50	381.10	

3763976.97		282.60	284.60	293.30	294.80
295.30	296.10	361.80	379.40	371.20	
3763926.97		281.40	283.70	288.40	294.70
295.00	295.50	355.50	372.60	352.90	
3763876.97		281.30	283.00	287.50	294.60
294.90	295.20	368.70	371.00	351.30	
3763826.97		279.90	280.60	284.90	294.50
295.20	301.40	369.60	375.30	354.10	
3763776.97		277.80	277.60	282.70	293.60
295.50	318.20	363.20	373.50	352.60	
3763726.97		276.30	282.80	282.70	292.50
295.80	326.90	358.00	366.50	348.40	
3763676.97		276.70	279.40	282.40	286.00
296.10	302.30	300.00	349.80	335.60	
3763626.97		275.80	281.40	282.70	282.10
290.40	297.30	297.40	307.10	322.10	
3763576.97		275.50	284.20	281.70	282.40
284.20	296.80	297.30	298.30	304.90	
3763526.97		273.00	281.50	280.30	281.30
282.70	290.10	296.50	297.40	298.70	
3763476.97		271.10	276.60	276.00	275.40
279.60	287.30	294.90	294.90	295.30	
3763426.97		269.50	271.20	273.10	275.90
277.50	280.20	284.20	287.30	289.00	
3763376.97		268.60	270.10	272.20	274.20
277.70	280.00	282.70	285.20	287.20	
3763326.97		267.40	268.80	271.50	273.50
276.30	278.50	280.80	282.90	284.20	
3763276.97		266.50	267.80	270.10	272.10
274.30	277.30	278.70	281.30	282.30	
3763226.97		265.60	266.30	268.50	270.60
272.50	274.70	276.80	278.70	280.00	
3763176.97		264.80	265.20	266.40	268.30
270.30	272.40	275.30	276.40	277.10	
3763126.97		263.70	264.20	264.80	266.30
268.30	270.70	272.60	274.30	274.70	
3763076.97		262.70	263.00	263.60	264.70
267.10	269.30	270.80	271.90	272.90	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 38

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN

METERS *

Y-COORD (METERS)					X-COORD
		459550.60	459600.60	459650.60	459700.60
459750.60	459800.60	459850.60	459900.60	459950.60	

3764776.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764726.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764676.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764626.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764576.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764526.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764476.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764426.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764376.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764326.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764276.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764226.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764176.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764126.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764076.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764026.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90

[illegible]

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 39

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN

METERS *

Y-COORD (METERS)					X-COORD
		460000.60	460050.60	460100.60	460150.60
460200.60	460250.60	460300.60	460350.60	460400.60	

3764776.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764726.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764676.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764626.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764576.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764526.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764476.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764426.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764376.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764326.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764276.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764226.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764176.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764126.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764076.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764026.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	

3763976.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763926.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763876.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763826.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763776.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763726.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763676.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763626.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763576.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763526.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763476.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763426.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763376.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763326.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763276.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763226.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763176.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763126.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763076.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 40

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN

METERS *

Y-COORD (METERS)					X-COORD
		460450.60	460500.60	460550.60	460600.60
460650.60	460700.60	460750.60	460800.60	460850.60	

3764776.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764726.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764676.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764626.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764576.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764526.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764476.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764426.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764376.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764326.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764276.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764226.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764176.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764126.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764076.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90
3764026.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	676.90

[illegible]

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN

METERS *

Y-COORD (METERS)					X-COORD
		460900.60	460950.60	461000.60	461050.60
461100.60	461150.60	461200.60	461250.60	461300.60	

3764776.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764726.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764676.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764626.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764576.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764526.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764476.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764426.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764376.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764326.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764276.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764226.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764176.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764126.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764076.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764026.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	

3763976.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763926.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763876.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763826.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763776.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763726.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763676.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763626.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763576.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763526.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763476.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763426.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763376.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763326.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763276.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763226.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763176.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763126.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90
3763076.97		676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 42

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK

TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN

METERS *

Y-COORD (METERS)					X-COORD
		461350.60	461400.60	461450.60	461500.60
461550.60	461600.60	461650.60	461700.60	461750.60	

3764776.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764726.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764676.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764626.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764576.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764526.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764476.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764426.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3764376.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	528.30	
3764326.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	528.30	
3764276.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	528.30	
3764226.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	528.30	
3764176.97		676.90	676.90	676.90	676.90
676.90	676.90	528.30	676.80	528.30	
3764126.97		676.90	676.90	676.90	676.90
676.90	676.90	528.30	528.30	528.30	
3764076.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	528.30	528.30	
3764026.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	528.30	528.30	

3763976.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	528.30	528.30	
3763926.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	528.30	676.80	
3763876.97		676.90	676.90	676.90	676.90
676.90	676.90	528.30	528.30	528.30	
3763826.97		676.90	676.90	676.90	676.90
676.90	676.90	528.30	528.30	528.30	
3763776.97		676.90	676.90	676.90	676.90
676.90	676.90	528.30	528.30	528.30	
3763726.97		676.90	676.90	676.90	676.90
676.90	676.90	528.30	528.30	528.30	
3763676.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	528.30	676.90	
3763626.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763576.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763526.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763476.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763426.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763376.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763326.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763276.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763226.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763176.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763126.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	
3763076.97		676.90	676.90	676.90	676.90
676.90	676.90	676.90	676.90	676.90	

```

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

```

PAGE 43

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

```

( 461000.9, 3763690.4, 272.8, 676.9, 0.0); (
460962.0, 3763630.8, 272.2, 676.9, 0.0); (
( 460221.4, 3763778.4, 278.1, 676.9, 0.0); (
460162.5, 3763741.7, 277.1, 676.9, 0.0); (
( 460162.5, 3763679.9, 276.0, 676.9, 0.0); (
460020.0, 3763645.0, 275.8, 676.9, 0.0); (
( 459978.2, 3763631.5, 276.0, 676.9, 0.0); (
459895.6, 3763639.9, 276.8, 676.9, 0.0); (
( 460885.2, 3763669.3, 273.3, 676.9, 0.0); (
460946.0, 3763764.0, 274.5, 676.9, 0.0); (
( 460935.0, 3763752.9, 274.7, 676.9, 0.0); (
460951.2, 3763781.6, 274.8, 676.9, 0.0); (
( 460962.4, 3763794.2, 274.9, 676.9, 0.0); (
460896.5, 3763683.9, 273.6, 676.9, 0.0); (
( 461124.6, 3763564.3, 271.0, 676.9, 0.0); (
461151.5, 3763588.5, 271.7, 676.9, 0.0); (
( 461170.5, 3763615.3, 272.3, 676.9, 0.0); (
461178.1, 3763632.2, 272.6, 676.9, 0.0); (
( 461164.4, 3763598.0, 271.9, 676.9, 0.0); (
461123.0, 3763546.9, 270.7, 676.9, 0.0); (
( 460836.4, 3763699.1, 273.5, 676.9, 0.0); (
460810.8, 3763713.6, 273.6, 676.9, 0.0); (
( 460925.0, 3763732.8, 274.5, 676.9, 0.0); (
460908.1, 3763705.6, 274.1, 676.9, 0.0); (
( 461127.9, 3763896.3, 276.7, 676.9, 0.0); (
461105.3, 3763905.4, 276.2, 676.9, 0.0); (
( 461181.0, 3763857.0, 276.3, 676.9, 0.0); (
461236.6, 3763822.5, 276.7, 676.9, 0.0); (
( 461196.8, 3763672.6, 272.9, 676.9, 0.0); (
461215.1, 3763701.1, 273.2, 676.9, 0.0); (
( 461237.6, 3763739.4, 273.9, 676.9, 0.0); (
460996.1, 3763851.7, 275.8, 676.9, 0.0); (
( 461015.3, 3763890.7, 276.6, 676.9, 0.0); (
461059.0, 3763932.2, 276.8, 676.9, 0.0); (
( 460689.2, 3763597.5, 272.7, 676.9, 0.0); (
460715.4, 3763636.1, 273.2, 676.9, 0.0);

```

8.23, 10.80, 1.54, 3.09, 5.14,

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 45

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: C:\Lakes\Met Data\KRAL_V9_ADJU\KRAL_v9.SFC
Met Version: 16216
Profile file: C:\Lakes\Met Data\KRAL_V9_ADJU\KRAL_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.:
3190
Name: RIVERSIDE_AIRPORT Name:
UNKNOWN
Year: 2012 Year:
2012

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					
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	
2.40	1.00			2.93	55.	10.1	288.1	2.0					
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	
2.40	1.00			3.05	55.	10.1	287.0	2.0					
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	
2.40	1.00			2.45	74.	10.1	284.2	2.0					
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	
2.40	1.00			2.52	77.	10.1	285.9	2.0					
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	
2.40	1.00			2.30	80.	10.1	285.4	2.0					
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	
2.40	1.00			1.93	79.	10.1	287.0	2.0					
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	
2.40	1.00			1.96	77.	10.1	284.2	2.0					
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	
2.40	0.53			1.89	77.	10.1	288.1	2.0					
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	
2.40	0.31			2.10	81.	10.1	289.2	2.0					
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	
2.40	0.24			1.99	101.	10.1	296.4	2.0					
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	
2.40	0.21			3.68	78.	10.1	298.8	2.0					
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	
2.40	0.20			2.89	68.	10.1	300.4	2.0					
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	
2.40	0.20			2.57	64.	10.1	302.5	2.0					

12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15
2.40	0.22				3.37	63.	10.1	303.1	2.0			
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15
2.40	0.25				3.59	62.	10.1	302.5	2.0			
12	01	01	1	16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15
2.40	0.34				3.76	69.	10.1	300.9	2.0			
12	01	01	1	17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15
2.40	0.62				3.03	59.	10.1	297.5	2.0			
12	01	01	1	18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15
2.40	1.00				2.54	54.	10.1	295.4	2.0			
12	01	01	1	19	-19.3	0.204	-9.000	-9.000	-999.	221.	45.6	0.15
2.40	1.00				2.27	79.	10.1	292.0	2.0			
12	01	01	1	20	-20.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.15
2.40	1.00				2.42	79.	10.1	292.5	2.0			
12	01	01	1	21	-19.7	0.206	-9.000	-9.000	-999.	225.	46.9	0.15
2.40	1.00				2.30	95.	10.1	290.9	2.0			
12	01	01	1	22	-17.6	0.190	-9.000	-9.000	-999.	199.	39.8	0.15
2.40	1.00				2.13	78.	10.1	290.4	2.0			
12	01	01	1	23	-20.3	0.211	-9.000	-9.000	-999.	233.	49.0	0.15
2.40	1.00				2.35	52.	10.1	289.2	2.0			
12	01	01	1	24	-16.4	0.183	-9.000	-9.000	-999.	189.	37.0	0.15
2.40	1.00				2.06	75.	10.1	288.8	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.1	1	55.	2.93	288.2	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
459750.60	459550.60 459600.60 459650.60 459700.60
459750.60	459800.60 459850.60 459900.60 459950.60
3764776.97	0.00007 0.00007 0.00007 0.00007
0.00007	0.00007 0.00008 0.00009 0.00009
3764726.97	0.00007 0.00007 0.00007 0.00008
0.00008	0.00008 0.00009 0.00009 0.00010
3764676.97	0.00008 0.00008 0.00008 0.00008
0.00009	0.00009 0.00010 0.00010 0.00010
3764626.97	0.00008 0.00008 0.00009 0.00009
0.00009	0.00010 0.00010 0.00011 0.00011
3764576.97	0.00009 0.00009 0.00010 0.00010
0.00010	0.00010 0.00011 0.00011 0.00012
3764526.97	0.00010 0.00010 0.00011 0.00011
0.00012	0.00012 0.00012 0.00012 0.00013
3764476.97	0.00011 0.00011 0.00012 0.00012
0.00012	0.00013 0.00013 0.00014 0.00014
3764426.97	0.00012 0.00012 0.00012 0.00012
0.00014	0.00014 0.00014 0.00015 0.00015
3764376.97	0.00013 0.00013 0.00014 0.00014
0.00015	0.00015 0.00016 0.00017 0.00017
3764326.97	0.00014 0.00015 0.00015 0.00015
0.00016	0.00017 0.00018 0.00018 0.00019
3764276.97	0.00015 0.00016 0.00016 0.00016
0.00018	0.00018 0.00019 0.00020 0.00021

3764226.97		0.00017	0.00017	0.00018	0.00018
0.00019	0.00020	0.00021	0.00022	0.00022	
3764176.97		0.00018	0.00018	0.00019	0.00020
0.00021	0.00021	0.00022	0.00023	0.00024	
3764126.97		0.00019	0.00020	0.00020	0.00021
0.00022	0.00023	0.00024	0.00025	0.00027	
3764076.97		0.00020	0.00021	0.00022	0.00023
0.00024	0.00025	0.00026	0.00027	0.00029	
3764026.97		0.00022	0.00022	0.00023	0.00024
0.00025	0.00027	0.00028	0.00029	0.00031	
3763976.97		0.00023	0.00024	0.00025	0.00026
0.00027	0.00029	0.00030	0.00032	0.00034	
3763926.97		0.00024	0.00025	0.00026	0.00028
0.00029	0.00031	0.00032	0.00034	0.00036	
3763876.97		0.00026	0.00027	0.00028	0.00030
0.00031	0.00033	0.00035	0.00037	0.00039	
3763826.97		0.00028	0.00029	0.00030	0.00032
0.00034	0.00036	0.00038	0.00040	0.00043	
3763776.97		0.00030	0.00031	0.00033	0.00035
0.00037	0.00039	0.00041	0.00044	0.00047	
3763726.97		0.00032	0.00034	0.00036	0.00038
0.00040	0.00042	0.00045	0.00050	0.00054	
3763676.97		0.00034	0.00037	0.00040	0.00043
0.00045	0.00048	0.00051	0.00055	0.00059	
3763626.97		0.00038	0.00041	0.00045	0.00049
0.00054	0.00061	0.00059	0.00061	0.00065	
3763576.97		0.00040	0.00043	0.00045	0.00048
0.00052	0.00054	0.00059	0.00064	0.00075	
3763526.97		0.00042	0.00045	0.00048	0.00051
0.00055	0.00059	0.00063	0.00068	0.00074	
3763476.97		0.00045	0.00047	0.00050	0.00054
0.00058	0.00062	0.00067	0.00072	0.00078	
3763426.97		0.00047	0.00050	0.00053	0.00056
0.00060	0.00065	0.00070	0.00076	0.00082	
3763376.97		0.00049	0.00052	0.00055	0.00059
0.00063	0.00068	0.00073	0.00079	0.00086	
3763326.97		0.00050	0.00054	0.00057	0.00061
0.00065	0.00070	0.00076	0.00082	0.00089	
3763276.97		0.00052	0.00055	0.00059	0.00063
0.00068	0.00072	0.00078	0.00085	0.00091	
3763226.97		0.00053	0.00057	0.00061	0.00065
0.00069	0.00074	0.00080	0.00086	0.00092	
3763176.97		0.00055	0.00058	0.00062	0.00066
0.00070	0.00076	0.00081	0.00087	0.00092	
3763126.97		0.00056	0.00059	0.00063	0.00066
0.00072	0.00076	0.00081	0.00086	0.00090	
3763076.97		0.00056	0.00060	0.00063	0.00067
0.00072	0.00076	0.00080	0.00084	0.00085	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
460200.60	460000.60 460050.60 460100.60 460150.60
460250.60	460300.60 460350.60 460400.60
3764776.97	0.00010 0.00011 0.00013 0.00013
0.00013	0.00012 0.00013 0.00014 0.00015
3764726.97	0.00010 0.00011 0.00013 0.00014
0.00013	0.00013 0.00014 0.00015 0.00016
3764676.97	0.00011 0.00011 0.00013 0.00015
0.00014	0.00014 0.00014 0.00015 0.00016
3764626.97	0.00012 0.00015 0.00015 0.00015
0.00015	0.00014 0.00014 0.00015 0.00017
3764576.97	0.00013 0.00014 0.00016 0.00016
0.00015	0.00015 0.00015 0.00016 0.00018
3764526.97	0.00014 0.00014 0.00015 0.00015
0.00015	0.00014 0.00015 0.00018 0.00019
3764476.97	0.00015 0.00015 0.00016 0.00016
0.00016	0.00016 0.00017 0.00018 0.00019
3764426.97	0.00016 0.00016 0.00017 0.00017
0.00017	0.00018 0.00019 0.00020 0.00021
3764376.97	0.00018 0.00018 0.00018 0.00018
0.00019	0.00018 0.00021 0.00021 0.00023
3764326.97	0.00019 0.00020 0.00021 0.00021
0.00022	0.00022 0.00023 0.00024 0.00025
3764276.97	0.00021 0.00022 0.00023 0.00023
0.00024	0.00025 0.00025 0.00026 0.00027

3764226.97		0.00023	0.00024	0.00025	0.00026
0.00027	0.00027	0.00028	0.00029	0.00030	
3764176.97		0.00025	0.00027	0.00028	0.00029
0.00030	0.00031	0.00032	0.00033	0.00035	
3764126.97		0.00028	0.00029	0.00030	0.00032
0.00033	0.00035	0.00036	0.00038	0.00040	
3764076.97		0.00030	0.00032	0.00033	0.00035
0.00037	0.00039	0.00041	0.00043	0.00045	
3764026.97		0.00033	0.00035	0.00037	0.00039
0.00041	0.00043	0.00046	0.00049	0.00052	
3763976.97		0.00035	0.00038	0.00040	0.00043
0.00045	0.00048	0.00052	0.00056	0.00060	
3763926.97		0.00039	0.00041	0.00044	0.00047
0.00050	0.00054	0.00059	0.00065	0.00071	
3763876.97		0.00042	0.00045	0.00048	0.00052
0.00056	0.00061	0.00068	0.00075	0.00088	
3763826.97		0.00046	0.00051	0.00055	0.00060
0.00065	0.00071	0.00078	0.00094	0.00095	
3763776.97		0.00053	0.00057	0.00061	0.00067
0.00073	0.00083	0.00092	0.00098	0.00103	
3763726.97		0.00058	0.00063	0.00068	0.00075
0.00091	0.00092	0.00096	0.00104	0.00113	
3763676.97		0.00064	0.00070	0.00078	0.00087
0.00092	0.00100	0.00105	0.00114	0.00120	
3763626.97		0.00071	0.00085	0.00085	0.00091
0.00100	0.00107	0.00115	0.00123	0.00121	
3763576.97		0.00081	0.00083	0.00090	0.00099
0.00109	0.00117	0.00127	0.00125	0.00124	
3763526.97		0.00079	0.00086	0.00096	0.00107
0.00118	0.00129	0.00139	0.00141	0.00143	
3763476.97		0.00085	0.00093	0.00102	0.00113
0.00126	0.00141	0.00155	0.00168	0.00169	
3763426.97		0.00090	0.00098	0.00108	0.00120
0.00133	0.00150	0.00170	0.00191	0.00211	
3763376.97		0.00093	0.00102	0.00112	0.00124
0.00138	0.00155	0.00174	0.00199	0.00227	
3763326.97		0.00097	0.00106	0.00116	0.00127
0.00141	0.00157	0.00175	0.00196	0.00220	
3763276.97		0.00099	0.00107	0.00119	0.00129
0.00141	0.00156	0.00172	0.00191	0.00211	
3763226.97		0.00099	0.00107	0.00119	0.00131
0.00139	0.00153	0.00167	0.00182	0.00198	
3763176.97		0.00097	0.00105	0.00118	0.00129
0.00136	0.00147	0.00159	0.00171	0.00183	
3763126.97		0.00094	0.00102	0.00114	0.00125
0.00131	0.00140	0.00150	0.00158	0.00167	
3763076.97		0.00091	0.00101	0.00114	0.00122
0.00124	0.00132	0.00139	0.00145	0.00150	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
460450.60	460500.60
460550.60	460600.60
460700.60	460750.60
460800.60	460850.60
3764776.97	0.00015
0.00016	0.00016
3764726.97	0.00016
0.00018	0.00017
3764676.97	0.00017
0.00019	0.00018
3764626.97	0.00018
0.00020	0.00020
3764576.97	0.00019
0.00022	0.00022
3764526.97	0.00020
0.00024	0.00024
3764476.97	0.00021
0.00026	0.00027
3764426.97	0.00022
0.00028	0.00029
3764376.97	0.00024
0.00031	0.00032
3764326.97	0.00026
0.00034	0.00036
3764276.97	0.00029
0.00037	0.00040

3764226.97		0.00032	0.00034	0.00036	0.00038
0.00041	0.00044	0.00047	0.00048	0.00049	
3764176.97		0.00036	0.00038	0.00041	0.00043
0.00047	0.00050	0.00053	0.00056	0.00058	
3764126.97		0.00042	0.00044	0.00046	0.00050
0.00053	0.00057	0.00062	0.00066	0.00068	
3764076.97		0.00048	0.00051	0.00054	0.00061
0.00065	0.00067	0.00072	0.00078	0.00083	
3764026.97		0.00055	0.00059	0.00064	0.00072
0.00077	0.00084	0.00090	0.00095	0.00103	
3763976.97		0.00065	0.00070	0.00075	0.00081
0.00093	0.00102	0.00112	0.00122	0.00132	
3763926.97		0.00085	0.00090	0.00093	0.00102
0.00113	0.00127	0.00142	0.00159	0.00178	
3763876.97		0.00091	0.00101	0.00113	0.00124
0.00140	0.00161	0.00186	0.00215	0.00250	
3763826.97		0.00101	0.00113	0.00136	0.00154
0.00176	0.00208	0.00247	0.00302	0.00376	
3763776.97		0.00114	0.00129	0.00154	0.00193
0.00226	0.00273	0.00340	0.00442	0.00605	
3763726.97		0.00122	0.00137	0.00175	0.00233
0.00287	0.00357	0.00464	0.00638	0.00958	
3763676.97		0.00117	0.00135	0.00201	0.00281
0.00357	0.00456	0.00614	0.00865	0.01322	
3763626.97		0.00119	0.00159	0.00241	0.00323
0.00426	0.00561	0.00757	0.01083	0.01691	
3763576.97		0.00151	0.00212	0.00297	0.00380
0.00485	0.00632	0.00858	0.01224	0.01890	
3763526.97		0.00192	0.00263	0.00334	0.00415
0.00520	0.00668	0.00885	0.01209	0.01716	
3763476.97		0.00222	0.00294	0.00351	0.00427
0.00524	0.00654	0.00828	0.01056	0.01344	
3763426.97		0.00256	0.00298	0.00353	0.00417
0.00498	0.00597	0.00716	0.00848	0.00978	
3763376.97		0.00261	0.00294	0.00338	0.00391
0.00451	0.00518	0.00588	0.00651	0.00690	
3763326.97		0.00248	0.00278	0.00317	0.00354
0.00395	0.00433	0.00467	0.00489	0.00485	
3763276.97		0.00233	0.00258	0.00284	0.00314
0.00338	0.00360	0.00367	0.00364	0.00346	
3763226.97		0.00215	0.00233	0.00251	0.00266
0.00278	0.00286	0.00289	0.00279	0.00256	
3763176.97		0.00195	0.00207	0.00218	0.00226
0.00230	0.00229	0.00222	0.00208	0.00189	
3763126.97		0.00175	0.00182	0.00188	0.00190
0.00189	0.00185	0.00174	0.00161	0.00143	
3763076.97		0.00155	0.00159	0.00161	0.00160
0.00156	0.00149	0.00139	0.00126	0.00112	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 49

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
460900.60	460950.60
461000.60	461050.60
461100.60	461200.60
461150.60	461250.60
461200.60	461300.60
461250.60	
461300.60	
461350.60	
461400.60	
461450.60	
461500.60	
461550.60	
461600.60	
461650.60	
461700.60	
461750.60	
461800.60	
461850.60	
461900.60	
461950.60	
462000.60	
462050.60	
462100.60	
462150.60	
462200.60	
462250.60	
462300.60	
462350.60	
462400.60	
462450.60	
462500.60	
462550.60	
462600.60	
462650.60	
462700.60	
462750.60	
462800.60	
462850.60	
462900.60	
462950.60	
463000.60	
463050.60	
463100.60	
463150.60	
463200.60	
463250.60	
463300.60	
463350.60	
463400.60	
463450.60	
463500.60	
463550.60	
463600.60	
463650.60	
463700.60	
463750.60	
463800.60	
463850.60	
463900.60	
463950.60	
464000.60	
464050.60	
464100.60	
464150.60	
464200.60	
464250.60	
464300.60	
464350.60	
464400.60	
464450.60	
464500.60	
464550.60	
464600.60	
464650.60	
464700.60	
464750.60	
464800.60	
464850.60	
464900.60	
464950.60	
465000.60	
465050.60	
465100.60	
465150.60	
465200.60	
465250.60	
465300.60	
465350.60	
465400.60	
465450.60	
465500.60	
465550.60	
465600.60	
465650.60	
465700.60	
465750.60	
465800.60	
465850.60	
465900.60	
465950.60	
466000.60	
466050.60	
466100.60	
466150.60	
466200.60	
466250.60	
466300.60	
466350.60	
466400.60	
466450.60	
466500.60	
466550.60	
466600.60	
466650.60	
466700.60	
466750.60	
466800.60	
466850.60	
466900.60	
466950.60	
467000.60	
467050.60	
467100.60	
467150.60	
467200.60	
467250.60	
467300.60	
467350.60	
467400.60	
467450.60	
467500.60	
467550.60	
467600.60	
467650.60	
467700.60	
467750.60	
467800.60	
467850.60	
467900.60	
467950.60	
468000.60	
468050.60	
468100.60	
468150.60	
468200.60	
468250.60	
468300.60	
468350.60	
468400.60	
468450.60	
468500.60	
468550.60	
468600.60	
468650.60	
468700.60	
468750.60	
468800.60	
468850.60	
468900.60	
468950.60	
469000.60	
469050.60	
469100.60	
469150.60	
469200.60	
469250.60	
469300.60	
469350.60	
469400.60	
469450.60	
469500.60	
469550.60	
469600.60	
469650.60	
469700.60	
469750.60	
469800.60	
469850.60	
469900.60	
469950.60	
470000.60	
470050.60	
470100.60	
470150.60	
470200.60	
470250.60	
470300.60	
470350.60	
470400.60	
470450.60	
470500.60	
470550.60	
470600.60	
470650.60	
470700.60	
470750.60	
470800.60	
470850.60	
470900.60	
470950.60	
471000.60	
471050.60	
471100.60	
471150.60	
471200.60	
471250.60	
471300.60	
471350.60	
471400.60	
471450.60	
471500.60	
471550.60	
471600.60	
471650.60	
471700.60	
471750.60	
471800.60	
471850.60	
471900.60	
471950.60	
472000.60	
472050.60	
472100.60	
472150.60	
472200.60	
472250.60	
472300.60	
472350.60	
472400.60	
472450.60	
472500.60	
472550.60	
472600.60	
472650.60	
472700.60	
472750.60	
472800.60	
472850.60	
472900.60	
472950.60	
473000.60	
473050.60	
473100.60	
473150.60	
473200.60	
473250.60	
473300.60	
473350.60	
473400.60	
473450.60	
473500.60	
473550.60	
473600.60	
473650.60	
473700.60	
473750.60	
473800.60	
473850.60	
473900.60	
473950.60	
474000.60	
474050.60	
474100.60	
474150.60	
474200.60	
474250.60	
474300.60	
474350.60	
474400.60	
474450.60	
474500.60	
474550.60	
474600.60	
474650.60	
474700.60	
474750.60	
474800.60	
474850.60	
474900.60	
474950.60	
475000.60	
475050.60	
475100.60	
475150.60	
475200.60	
475250.60	
475300.60	
475350.60	
475400.60	
475450.60	
475500.60	
475550.60	
475600.60	
475650.60	
475700.60	
475750.60	
475800.60	
475850.60	
475900.60	
475950.60	
476000.60	
476050.60	
476100.60	
476150.60	
476200.60	
476250.60	
476300.60	
476350.60	
476400.60	
476450.60	
476500.60	
476550.60	
476600.60	
476650.60	
476700.60	
476750.60	
476800.60	
476850.60	
476900.60	
476950.60	
477000.60	
477050.60	
477100.60	
477150.60	
477200.60	
477250.60	
477300.60	
477350.60	
477400.60	
477450.60	
477500.60	
477550.60	
477600.60	
477650.60	
477700.60	
477750.60	
477800.60	
477850.60	
477900.60	
477950.60	
478000.60	
478050.60	
478100.60	
478150.60	
478200.60	
478250.60	
478300.60	
478350.60	
478400.60	
478450.60	
478500.60	
478550.60	
478600.60	
478650.60	
478700.60	
478750.60	
478800.60	
478850.60	
478900.60	
478950.60	
479000.60	
479050.60	
479100.60	
479150.60	
479200.60	
479250.60	
479300.60	
479350.60	
479400.60	
479450.60	
479500.60	
479550.60	
479600.60	
479650.60	
479700.60	
479750.60	
479800.60	
479850.60	
479900.60	
479950.60	
480000.60	
480050.60	
480100.60	
480150.60	
480200.60	
480250.60	
480300.60	
480350.60	
480400.60	
480450.60	
480500.60	
480550.60	
480600.60	
480650.60	
480700.60	
480750.60	
480800.60	
480850.60	
480900.60	
480950.60	
481000.60	
481050.60	
481100.60	
481150.60	
481200.60	
481250.60	
481300.60	
481350.60	
481400.60	
481450.60	
481500.60	
481550.60	
481600.60	
481650.60	
481700.60	
481750.60	
481800.60	
481850.60	
481900.60	
481950.60	
482000.60	
482050.60	
482100.60	
482150.60	
482200.60	
482250.60	
482300.60	
482350.60	
482400.60	
4824	

3764226.97		0.00048	0.00047	0.00044	0.00042
0.00041	0.00041	0.00042	0.00044	0.00046	
3764176.97		0.00057	0.00056	0.00054	0.00052
0.00051	0.00050	0.00052	0.00054	0.00056	
3764126.97		0.00069	0.00068	0.00065	0.00067
0.00063	0.00062	0.00065	0.00067	0.00068	
3764076.97		0.00085	0.00085	0.00085	0.00084
0.00084	0.00080	0.00082	0.00084	0.00086	
3764026.97		0.00107	0.00109	0.00110	0.00110
0.00110	0.00106	0.00111	0.00111	0.00110	
3763976.97		0.00140	0.00147	0.00150	0.00151
0.00153	0.00152	0.00151	0.00149	0.00145	
3763926.97		0.00194	0.00209	0.00218	0.00224
0.00226	0.00222	0.00217	0.00209	0.00198	
3763876.97		0.00286	0.00325	0.00347	0.00359
0.00363	0.00359	0.00335	0.00311	0.00284	
3763826.97		0.00472	0.00594	0.00681	0.00709
0.00681	0.00636	0.00577	0.00492	0.00427	
3763776.97		0.00953	0.01681	0.02477	0.01977
0.01584	0.01301	0.01060	0.00843	0.00664	
3763726.97		0.01730	0.03656	0.05512	0.07133
0.04735	0.03067	0.02074	0.01446	0.01015	
3763676.97		0.02227	0.04221	0.08350	0.13197
0.12677	0.08312	0.04072	0.02260	0.01415	
3763626.97		0.03027	0.06870	0.12882	0.16206
0.15853	0.11716	0.05242	0.02686	0.01641	
3763576.97		0.03327	0.06597	0.10098	0.13594
0.12122	0.07202	0.03790	0.02278	0.01493	
3763526.97		0.02505	0.03494	0.04419	0.05294
0.04860	0.03130	0.02116	0.01515	0.01119	
3763476.97		0.01656	0.01875	0.01848	0.01479
0.01109	0.01098	0.01001	0.00864	0.00727	
3763426.97		0.01062	0.01050	0.00897	0.00647
0.00473	0.00448	0.00465	0.00462	0.00437	
3763376.97		0.00685	0.00617	0.00494	0.00359
0.00269	0.00237	0.00242	0.00254	0.00258	
3763326.97		0.00453	0.00389	0.00307	0.00229
0.00175	0.00150	0.00146	0.00152	0.00158	
3763276.97		0.00311	0.00262	0.00207	0.00158
0.00124	0.00106	0.00099	0.00100	0.00104	
3763226.97		0.00222	0.00185	0.00148	0.00116
0.00093	0.00079	0.00073	0.00071	0.00073	
3763176.97		0.00165	0.00137	0.00111	0.00088
0.00072	0.00062	0.00056	0.00054	0.00054	
3763126.97		0.00124	0.00104	0.00086	0.00070
0.00059	0.00050	0.00045	0.00043	0.00042	
3763076.97		0.00097	0.00082	0.00068	0.00057
0.00048	0.00042	0.00038	0.00036	0.00034	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
 View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
 *** AERMET - VERSION 16216 *** ***
 *** 09:15:47

PAGE 50

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 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 ,

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

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

Y-COORD (METERS)	X-COORD
461350.60	461400.60
461450.60	461500.60
461550.60	461600.60
461650.60	461700.60
461750.60	
3764776.97	0.00012
0.00014	0.00012
3764726.97	0.00013
0.00015	0.00014
3764676.97	0.00015
0.00016	0.00016
3764626.97	0.00017
0.00018	0.00018
3764576.97	0.00019
0.00020	0.00020
3764526.97	0.00021
0.00022	0.00022
3764476.97	0.00023
0.00025	0.00024
3764426.97	0.00025
0.00028	0.00026
3764376.97	0.00027
0.00030	0.00028
3764326.97	0.00029
0.00035	0.00030
3764276.97	0.00031
0.00040	0.00032

3764226.97		0.00047	0.00048	0.00047	0.00046
0.00045	0.00037	0.00031	0.00030	0.00028	
3764176.97		0.00056	0.00056	0.00054	0.00052
0.00050	0.00043	0.00034	0.00032	0.00031	
3764126.97		0.00068	0.00067	0.00063	0.00060
0.00057	0.00053	0.00038	0.00036	0.00034	
3764076.97		0.00085	0.00081	0.00074	0.00069
0.00065	0.00059	0.00043	0.00040	0.00039	
3764026.97		0.00106	0.00100	0.00088	0.00082
0.00075	0.00070	0.00051	0.00047	0.00046	
3763976.97		0.00136	0.00125	0.00108	0.00098
0.00091	0.00084	0.00061	0.00057	0.00055	
3763926.97		0.00180	0.00162	0.00141	0.00122
0.00112	0.00103	0.00075	0.00069	0.00067	
3763876.97		0.00247	0.00216	0.00185	0.00157
0.00142	0.00129	0.00090	0.00083	0.00080	
3763826.97		0.00355	0.00303	0.00252	0.00204
0.00180	0.00153	0.00109	0.00099	0.00094	
3763776.97		0.00530	0.00434	0.00342	0.00265
0.00225	0.00170	0.00133	0.00117	0.00109	
3763726.97		0.00761	0.00551	0.00440	0.00334
0.00273	0.00195	0.00157	0.00136	0.00124	
3763676.97		0.00980	0.00706	0.00531	0.00411
0.00314	0.00252	0.00217	0.00156	0.00141	
3763626.97		0.01105	0.00769	0.00579	0.00456
0.00350	0.00278	0.00234	0.00190	0.00155	
3763576.97		0.01044	0.00725	0.00569	0.00450
0.00362	0.00280	0.00236	0.00202	0.00170	
3763526.97		0.00847	0.00623	0.00503	0.00408
0.00336	0.00272	0.00225	0.00194	0.00169	
3763476.97		0.00606	0.00494	0.00416	0.00353
0.00293	0.00242	0.00203	0.00179	0.00159	
3763426.97		0.00399	0.00357	0.00316	0.00275
0.00241	0.00209	0.00183	0.00161	0.00145	
3763376.97		0.00254	0.00242	0.00226	0.00208
0.00186	0.00167	0.00150	0.00136	0.00124	
3763326.97		0.00162	0.00162	0.00158	0.00152
0.00142	0.00132	0.00121	0.00112	0.00105	
3763276.97		0.00108	0.00110	0.00111	0.00110
0.00107	0.00102	0.00097	0.00090	0.00086	
3763226.97		0.00075	0.00078	0.00079	0.00080
0.00080	0.00079	0.00076	0.00074	0.00070	
3763176.97		0.00055	0.00057	0.00059	0.00060
0.00061	0.00061	0.00060	0.00059	0.00058	
3763126.97		0.00043	0.00044	0.00045	0.00046
0.00047	0.00047	0.00048	0.00048	0.00047	
3763076.97		0.00034	0.00035	0.00035	0.00036
0.00037	0.00038	0.00038	0.00038	0.00038	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 51

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
461000.93	3763690.43	0.07433	
460961.99	3763630.79	0.07948	
460221.39	3763778.42	0.00076	
460162.50	3763741.70	0.00074	
460162.50	3763679.89	0.00087	
460019.98	3763644.99	0.00070	
459978.17	3763631.54	0.00067	
459895.65	3763639.90	0.00059	
460885.25	3763669.35	0.01965	
460945.98	3763764.03	0.02125	
460935.01	3763752.92	0.02694	
460951.19	3763781.58	0.01522	
460962.43	3763794.20	0.01209	
460896.48	3763683.95	0.02047	
461124.58	3763564.30	0.08683	
461151.52	3763588.50	0.08254	
461170.55	3763615.28	0.08139	
461178.14	3763632.22	0.07946	
461164.42	3763598.02	0.07576	
461122.96	3763546.88	0.06437	
460836.44	3763699.06	0.01021	
460810.77	3763713.57	0.00753	
460925.05	3763732.83	0.02583	
460908.08	3763705.59	0.02118	

	461127.88	3763896.29	0.00297
461105.34	3763905.38	0.00275	
	461180.97	3763857.02	0.00426
461236.60	3763822.48	0.00539	
	461196.84	3763672.63	0.04519
461215.08	3763701.07	0.02576	
	461237.64	3763739.39	0.01378
460996.15	3763851.71	0.00465	
	461015.35	3763890.69	0.00304
461058.95	3763932.16	0.00214	
	460689.24	3763597.52	0.00569
460715.42	3763636.06	0.00590	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
459650.60	459550.60 459600.60 459750.60
3764777.0	0.09514 (14032407) 0.09200 (14032407) 0.08635
(14032407)	0.09402 (14121107) 0.10619 (14121107)
3764727.0	0.09532 (14032407) 0.09870 (14032407) 0.09777
(14032407)	0.09748 (14032407) 0.10586 (14121107)
3764677.0	0.08856 (15011207) 0.09561 (14032407) 0.10231
(14032407)	0.10623 (14032407) 0.10955 (14032407)
3764627.0	0.09985 (16032107) 0.09695 (16032107) 0.10401
(14032407)	0.11603 (14032407) 0.12314 (14032407)
3764577.0	0.12650 (16032107) 0.13080 (16032107) 0.12832
(16032107)	0.11744 (16032107) 0.12901 (14032407)
3764527.0	0.14699 (16032107) 0.15209 (16032107) 0.15356
(16032107)	0.15037 (16032107) 0.14808 (16032107)
3764477.0	0.14512 (16032107) 0.16150 (16032107) 0.17061
(16032107)	0.17491 (16032107) 0.17320 (16032107)
3764427.0	0.13817 (15102007) 0.14998 (16032107) 0.16698
(16032107)	0.18365 (16032107) 0.19336 (16032107)
3764377.0	0.14848 (15102007) 0.15420 (15102007) 0.15953
(15102007)	0.17907 (16032107) 0.19534 (16032107)
3764327.0	0.14487 (15102007) 0.15658 (15102007) 0.16649
(15102007)	0.17526 (15102007) 0.18279 (16032107)
3764277.0	0.16192 (12121708) 0.15946 (12121708) 0.16068
(15102007)	0.17452 (15102007) 0.18643 (15102007)

3764227.0	0.17641 (12121708)	0.17978 (12121708)	0.18132
(12121708)	0.18050 (12121708)	0.17846 (13111507)	
3764177.0	0.18562 (12033007)	0.18887 (12033007)	0.19226
(12121708)	0.19782 (12121708)	0.20127 (12121708)	
3764127.0	0.18538 (12033007)	0.19372 (12033007)	0.20135
(12033007)	0.20663 (12033007)	0.21089 (12033007)	
3764077.0	0.17237 (12033007)	0.18339 (12033007)	0.19614
(12033007)	0.20648 (12033007)	0.21669 (12033007)	
3764027.0	0.15630 (12021407)	0.16518 (12021407)	0.17760
(12033007)	0.19203 (12033007)	0.20545 (12033007)	
3763977.0	0.15800 (14112107)	0.16303 (14112107)	0.17225
(14112107)	0.17842 (14112107)	0.18456 (12021407)	
3763927.0	0.15622 (16121508)	0.16019 (16121508)	0.16846
(16121508)	0.17756 (14112107)	0.18428 (14112107)	
3763877.0	0.15628 (12020808)	0.16058 (15101307)	0.17018
(15101307)	0.17844 (15101307)	0.18357 (16121508)	
3763827.0	0.15180 (12020808)	0.15813 (12020808)	0.17066
(12020808)	0.17746 (12020808)	0.18456 (12020808)	
3763777.0	0.13779 (12020808)	0.15037 (12020808)	0.15953
(12020808)	0.16744 (12020808)	0.17432 (12020808)	
3763727.0	0.13141 (12013107)	0.13645 (12013107)	0.14586
(12013107)	0.15274 (12013107)	0.15758 (12013107)	
3763677.0	0.13195 (16011907)	0.13639 (16011907)	0.11519
(16011907)	0.12096 (16011907)	0.12726 (16011907)	
3763627.0	0.11378 (13100807)	0.11977 (13100807)	0.12623
(13100807)	0.13337 (13100807)	0.16621 (16011907)	
3763577.0	0.12121 (13100807)	0.12740 (13100807)	0.13412
(13100807)	0.14146 (13100807)	0.14948 (13100807)	
3763527.0	0.12625 (13100807)	0.13252 (13100807)	0.13932
(13100807)	0.14669 (13100807)	0.15470 (13100807)	
3763477.0	0.12833 (13100807)	0.13443 (13100807)	0.14099
(13100807)	0.14808 (13100807)	0.15575 (13100807)	
3763427.0	0.12747 (13100807)	0.13309 (13100807)	0.13914
(13100807)	0.14557 (13100807)	0.15247 (13100807)	
3763377.0	0.12374 (13100807)	0.12864 (13100807)	0.13385
(13100807)	0.13933 (13100807)	0.14514 (13100807)	
3763327.0	0.11737 (13100807)	0.12137 (13100807)	0.12719
(12101107)	0.13421 (12101107)	0.14177 (12101107)	
3763277.0	0.11666 (12101107)	0.12228 (12101107)	0.12826
(12101107)	0.13451 (12101107)	0.14102 (12101107)	
3763227.0	0.11620 (12101107)	0.12108 (12101107)	0.12609
(12101107)	0.13124 (12101107)	0.13639 (12101107)	
3763177.0	0.11317 (12101107)	0.11706 (12101107)	0.12096
(12101107)	0.12476 (12101107)	0.12843 (12101107)	
3763127.0	0.10781 (12101107)	0.11062 (12101107)	0.11324
(12101107)	0.11566 (12101107)	0.14765 (12110207)	
3763077.0	0.10048 (12101107)	0.10213 (12101107)	0.10636
(12110207)	0.11129 (12110207)	0.15947 (12110207)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
459900.60	459800.60 459850.60 460000.60
3764777.0	0.11810 (14121107) 0.14813 (14121107) 0.14588
(14121107)	0.15162 (12031607) 0.15714 (12031607)
3764727.0	0.12707 (14121107) 0.14851 (14121107) 0.16377
(14121107)	0.16434 (14121107) 0.16422 (12031607)
3764677.0	0.11976 (14121107) 0.15337 (14121107) 0.17096
(14121107)	0.17965 (14121107) 0.18150 (14121107)
3764627.0	0.13158 (14032407) 0.14050 (14121107) 0.16413
(14121107)	0.18636 (14121107) 0.19272 (14121107)
3764577.0	0.13888 (14032407) 0.14666 (14032407) 0.15123
(14121107)	0.18151 (14121107) 0.19918 (14121107)
3764527.0	0.14836 (14032407) 0.15526 (14032407) 0.16397
(14032407)	0.16704 (14032407) 0.19293 (14121107)
3764477.0	0.16803 (16032107) 0.15931 (16032107) 0.17159
(14032407)	0.18127 (14032407) 0.18302 (14032407)
3764427.0	0.19585 (16032107) 0.19234 (16032107) 0.18630
(16032107)	0.18484 (14032407) 0.19528 (14032407)
3764377.0	0.20718 (16032107) 0.21385 (16032107) 0.21494
(16032107)	0.20994 (16032107) 0.19947 (16032107)
3764327.0	0.20216 (16032107) 0.21794 (16032107) 0.22814
(16032107)	0.23240 (16032107) 0.23042 (16032107)
3764277.0	0.19508 (15102007) 0.20591 (16032107) 0.22500
(16032107)	0.23900 (16032107) 0.24852 (16032107)

3764227.0	0.19308 (15102007)	0.20553 (15102007)	0.21447
(15102007)	0.22903 (16032107)	0.24576 (16032107)	
3764177.0	0.20213 (12121708)	0.20014 (12121708)	0.21101
(15102007)	0.22463 (15102007)	0.23367 (15102007)	
3764127.0	0.21687 (12121708)	0.22171 (12121708)	0.22263
(12121708)	0.22296 (12121708)	0.22970 (15102007)	
3764077.0	0.22550 (12033007)	0.23028 (12033007)	0.23314
(12033007)	0.23987 (12121708)	0.24398 (12121708)	
3764027.0	0.21914 (12033007)	0.22842 (12033007)	0.23810
(12033007)	0.24782 (12033007)	0.25448 (12033007)	
3763977.0	0.19741 (12033007)	0.21150 (12033007)	0.22465
(12033007)	0.24044 (12033007)	0.25482 (12033007)	
3763927.0	0.19203 (14112107)	0.19939 (14112107)	0.20311
(14112107)	0.21753 (12033007)	0.23563 (12033007)	
3763877.0	0.18939 (16121508)	0.19627 (16121508)	0.19979
(16121508)	0.20980 (14112107)	0.21825 (14112107)	
3763827.0	0.18979 (12020808)	0.19646 (12020808)	0.20136
(12020808)	0.20979 (15101307)	0.21737 (15101307)	
3763777.0	0.18280 (12020808)	0.19049 (12020808)	0.19815
(12020808)	0.20568 (12020808)	0.17768 (12020808)	
3763727.0	0.16696 (12013107)	0.17469 (12020808)	0.15285
(12020808)	0.16312 (12020808)	0.17453 (12020808)	
3763677.0	0.13416 (16011907)	0.14173 (16011907)	0.15008
(16011907)	0.15960 (13100807)	0.17039 (13100807)	
3763627.0	0.14907 (13100807)	0.15650 (13100807)	0.16644
(13100807)	0.17760 (13100807)	0.19021 (13100807)	
3763577.0	0.18458 (13100807)	0.20105 (13100807)	0.21536
(13100807)	0.19161 (13100807)	0.20253 (13100807)	
3763527.0	0.16343 (13100807)	0.17300 (13100807)	0.18350
(13100807)	0.19508 (13100807)	0.25410 (13100807)	
3763477.0	0.16405 (13100807)	0.17310 (13100807)	0.18294
(13100807)	0.19369 (13100807)	0.20545 (13100807)	
3763427.0	0.15988 (13100807)	0.16784 (13100807)	0.17636
(13100807)	0.18548 (13100807)	0.19531 (13100807)	
3763377.0	0.15126 (13100807)	0.15768 (13100807)	0.16692
(12101107)	0.17786 (12101107)	0.18963 (12101107)	
3763327.0	0.14978 (12101107)	0.15816 (12101107)	0.16702
(12101107)	0.22372 (12101107)	0.24745 (12101107)	
3763277.0	0.14773 (12101107)	0.15462 (12101107)	0.20654
(12101107)	0.22936 (12101107)	0.24238 (12101107)	
3763227.0	0.14154 (12101107)	0.18288 (12101107)	0.19800
(12101107)	0.21667 (13021107)	0.24253 (12110207)	
3763177.0	0.16028 (12101107)	0.18360 (12110207)	0.20667
(12110207)	0.23205 (12110207)	0.25297 (12110207)	
3763127.0	0.17523 (12110207)	0.19776 (12110207)	0.21720
(12110207)	0.23102 (12110207)	0.24546 (13111807)	
3763077.0	0.18006 (12110207)	0.19827 (13111807)	0.21642
(13111807)	0.22877 (12031407)	0.24157 (12031407)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 54

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD	X-COORD		
(METERS)			
(METERS)	460050.60	460100.60	
460150.60	460200.60	460250.60	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -
3764777.0	0.14531 (12031607)	0.09830 (12031607)	0.09618
(12031607)	0.12533 (16110307)	0.14461 (14020308)	
3764727.0	0.16751 (12031607)	0.13858 (12031607)	0.10477
(12031607)	0.13247 (16110307)	0.14836 (16110307)	
3764677.0	0.17804 (12031607)	0.17467 (12031607)	0.11263
(12031607)	0.13996 (12031607)	0.15113 (16110307)	
3764627.0	0.11480 (14121107)	0.11636 (12031607)	0.11912
(12031607)	0.15022 (12031607)	0.16105 (12031607)	
3764577.0	0.20150 (14121107)	0.12338 (14121107)	0.12527
(12031607)	0.18509 (12031607)	0.18854 (12031607)	
3764527.0	0.20872 (14121107)	0.21100 (14121107)	0.21232
(14121107)	0.21635 (12031607)	0.20547 (12031607)	
3764477.0	0.20211 (14121107)	0.21964 (14121107)	0.23295
(14121107)	0.23740 (14121107)	0.22896 (12031607)	
3764427.0	0.19833 (14032407)	0.21311 (14121107)	0.23486
(14121107)	0.25176 (14121107)	0.25567 (14121107)	
3764377.0	0.20638 (14032407)	0.21338 (14032407)	0.22489
(14121107)	0.25478 (14121107)	0.27289 (14121107)	
3764327.0	0.22234 (16032107)	0.21688 (14032407)	0.22684
(14032407)	0.23695 (14121107)	0.26557 (14121107)	
3764277.0	0.24845 (16032107)	0.24455 (16032107)	0.23652
(16032107)	0.24317 (14032407)	0.24963 (14121107)	

3764227.0	0.25942 (16032107)	0.26536 (16032107)	0.26907
(16032107)	0.26469 (16032107)	0.25925 (14032407)	
3764177.0	0.25133 (16032107)	0.26796 (16032107)	0.28301
(16032107)	0.29201 (16032107)	0.29314 (16032107)	
3764127.0	0.24262 (15102007)	0.25316 (16032107)	0.27624
(16032107)	0.29709 (16032107)	0.31193 (16032107)	
3764077.0	0.24471 (12121708)	0.24597 (15102007)	0.26441
(15102007)	0.28337 (16032107)	0.31110 (16032107)	
3764027.0	0.25726 (12033007)	0.26332 (12121708)	0.26934
(12121708)	0.27850 (12121708)	0.29685 (15102007)	
3763977.0	0.26503 (12033007)	0.27303 (12033007)	0.28465
(12033007)	0.29435 (12033007)	0.30599 (12121708)	
3763927.0	0.25267 (12033007)	0.26831 (12033007)	0.29145
(12033007)	0.30446 (12033007)	0.32237 (12033007)	
3763877.0	0.22603 (14112107)	0.24039 (12033007)	0.26739
(12033007)	0.29603 (12033007)	0.32144 (12033007)	
3763827.0	0.18400 (15101307)	0.19557 (15101307)	0.20816
(15101307)	0.22436 (12033007)	0.24861 (12033007)	
3763777.0	0.18967 (12020808)	0.20299 (12020808)	0.21769
(12020808)	0.23421 (12020808)	0.25284 (12020808)	
3763727.0	0.18726 (12020808)	0.20158 (12020808)	0.21779
(12020808)	0.23576 (12020808)	0.25580 (12020808)	
3763677.0	0.18254 (13100807)	0.19664 (13100807)	0.21047
(13100807)	0.22774 (13100807)	0.24743 (13100807)	
3763627.0	0.20459 (13100807)	0.21857 (13100807)	0.23619
(13100807)	0.25627 (13100807)	0.33036 (16011907)	
3763577.0	0.21713 (13100807)	0.23359 (13100807)	0.25218
(13100807)	0.27324 (13100807)	0.38373 (13100807)	
3763527.0	0.26475 (13100807)	0.23829 (13100807)	0.25611
(13100807)	0.27613 (13100807)	0.39314 (13100807)	
3763477.0	0.21829 (13100807)	0.23237 (13100807)	0.24794
(13100807)	0.26509 (13100807)	0.35230 (13100807)	
3763427.0	0.20586 (13100807)	0.21714 (13100807)	0.23322
(12101107)	0.25218 (12101107)	0.33718 (12101107)	
3763377.0	0.20233 (12101107)	0.21581 (12101107)	0.23025
(12101107)	0.24556 (12101107)	0.26166 (12101107)	
3763327.0	0.25600 (12101107)	0.20670 (12101107)	0.21727
(12101107)	0.22785 (12101107)	0.23816 (12101107)	
3763277.0	0.24818 (12101107)	0.24914 (12110207)	0.19634
(12101107)	0.20767 (12110207)	0.22175 (12110207)	
3763227.0	0.26099 (12110207)	0.25953 (12110207)	0.26136
(12110207)	0.20311 (12031407)	0.21905 (12031407)	
3763177.0	0.25982 (12110207)	0.25671 (13111807)	0.25566
(12031407)	0.19895 (12031407)	0.21016 (12031407)	
3763127.0	0.25631 (12031407)	0.26491 (12031407)	0.26417
(15110407)	0.18834 (12031407)	0.19736 (15110407)	
3763077.0	0.25359 (15110407)	0.23980 (15110407)	0.23268
(15110407)	0.17834 (13012407)	0.18699 (13012407)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 55

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD	X-COORD		
(METERS)			
(METERS)	460300.60	460350.60	
460400.60	460450.60	460500.60	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -
3764777.0	0.16620 (14020308)	0.19320 (16101107)	0.21519
(15012707)	0.22255 (14102007)	0.23958 (14102007)	
3764727.0	0.16536 (14020308)	0.18697 (16101107)	0.20874
(16101107)	0.22785 (12100807)	0.24884 (14102007)	
3764677.0	0.15925 (16110307)	0.18399 (14020308)	0.21105
(16101107)	0.23458 (15012707)	0.24849 (14102007)	
3764627.0	0.15567 (16110307)	0.17254 (14020308)	0.20391
(14020308)	0.23571 (15012707)	0.25949 (15012707)	
3764577.0	0.15757 (16110307)	0.17419 (16110307)	0.19859
(14020308)	0.22623 (16101107)	0.25784 (12100807)	
3764527.0	0.18516 (12031607)	0.17935 (16110307)	0.18877
(16110307)	0.21449 (16101107)	0.25081 (16101107)	
3764477.0	0.22644 (12031607)	0.21344 (12031607)	0.19659
(16110307)	0.21365 (14020308)	0.25160 (16101107)	
3764427.0	0.25016 (12031607)	0.24526 (12031607)	0.22699
(12031607)	0.21461 (16110307)	0.24084 (14020308)	
3764377.0	0.26931 (14121107)	0.26910 (12031607)	0.26275
(12031607)	0.24152 (12031607)	0.23142 (16110307)	
3764327.0	0.28128 (14121107)	0.28824 (14121107)	0.28506
(12031607)	0.27996 (12031607)	0.25788 (12031607)	
3764277.0	0.28001 (14121107)	0.30132 (14121107)	0.31147
(14121107)	0.30919 (12031607)	0.30173 (12031607)	

3764227.0	0.26811 (14032407)	0.29906 (14121107)	0.32663
(14121107)	0.33265 (14121107)	0.33241 (12031607)	
3764177.0	0.28595 (16032107)	0.29114 (14032407)	0.31473
(14121107)	0.34694 (14121107)	0.35664 (14121107)	
3764127.0	0.32024 (16032107)	0.31903 (16032107)	0.31207
(14032407)	0.34153 (14121107)	0.37475 (14121107)	
3764077.0	0.33630 (16032107)	0.35630 (16032107)	0.35700
(16032107)	0.35137 (16032107)	0.37096 (14121107)	
3764027.0	0.32900 (16032107)	0.36286 (16032107)	0.37888
(16032107)	0.40044 (16032107)	0.40990 (16032107)	
3763977.0	0.31424 (12121708)	0.33253 (15102007)	0.36800
(16032107)	0.40937 (16032107)	0.44598 (16032107)	
3763927.0	0.33471 (12033007)	0.28974 (12033007)	0.30733
(12033007)	0.33096 (16032107)	0.37372 (16032107)	
3763877.0	0.28185 (12033007)	0.30764 (12033007)	0.33518
(12033007)	0.36280 (12033007)	0.39200 (12033007)	
3763827.0	0.27610 (12033007)	0.30660 (12033007)	0.34113
(12033007)	0.46652 (12033007)	0.52426 (12033007)	
3763777.0	0.27227 (12020808)	0.29551 (15101307)	0.40182
(16121508)	0.46562 (12033007)	0.54106 (12033007)	
3763727.0	0.34702 (12020808)	0.40538 (12020808)	0.46850
(12020808)	0.52943 (12020808)	0.57828 (12020808)	
3763677.0	0.34794 (12013107)	0.40428 (12013107)	0.44810
(12020808)	0.45843 (12020808)	0.50897 (12020808)	
3763627.0	0.39697 (16011907)	0.44813 (16011907)	0.47141
(13100807)	0.46334 (13100807)	0.57566 (13100807)	
3763577.0	0.45777 (13100807)	0.52273 (13100807)	0.53987
(13100807)	0.61024 (13100807)	0.70165 (13100807)	
3763527.0	0.46837 (13100807)	0.52584 (13100807)	0.54141
(13100807)	0.60614 (13100807)	0.62666 (13100807)	
3763477.0	0.41717 (12101107)	0.47795 (12101107)	0.50770
(12101107)	0.58184 (12101107)	0.56046 (12101107)	
3763427.0	0.37138 (12101107)	0.44567 (12101107)	0.49816
(12101107)	0.49297 (12101107)	0.40553 (12101107)	
3763377.0	0.27823 (12101107)	0.35914 (12101107)	0.38358
(12110207)	0.41700 (12110207)	0.36576 (12031407)	
3763327.0	0.24767 (12101107)	0.26695 (12110207)	0.29199
(12031407)	0.32206 (12031407)	0.35132 (12031407)	
3763277.0	0.24043 (12031407)	0.26142 (12031407)	0.28234
(12031407)	0.30080 (12031407)	0.32088 (15110407)	
3763227.0	0.23402 (12031407)	0.24812 (12031407)	0.26158
(15110407)	0.27815 (13012407)	0.29744 (12111907)	
3763177.0	0.22001 (15110407)	0.23114 (13012407)	0.24427
(13012407)	0.26118 (12111907)	0.27963 (15102907)	
3763127.0	0.20792 (13012407)	0.21768 (13022607)	0.23232
(12111907)	0.24680 (15102907)	0.26154 (15102907)	
3763077.0	0.19748 (12111907)	0.20856 (12111907)	0.22030
(15102907)	0.23115 (15102907)	0.25067 (13102507)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 56

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
460550.60	460600.60
460650.60	460700.60
460750.60	
3764777.0	0.23548 (14102007) 0.22599 (12022907) 0.21829
(12022907)	0.21452 (12110607) 0.21886 (15122208)
3764727.0	0.25557 (14102007) 0.24255 (14102007) 0.22984
(12022907)	0.22120 (16101407) 0.22618 (15122208)
3764677.0	0.26708 (14102007) 0.25550 (14102007) 0.24672
(12022907)	0.23554 (16101407) 0.22895 (15122208)
3764627.0	0.27164 (14102007) 0.27903 (14102007) 0.26403
(14102007)	0.25108 (12022907) 0.24535 (12110607)
3764577.0	0.27364 (14102007) 0.29385 (14102007) 0.28935
(14102007)	0.27192 (12022907) 0.26153 (16101407)
3764527.0	0.27851 (12100807) 0.30358 (14102007) 0.31246
(14102007)	0.29287 (14102007) 0.27870 (16101407)
3764477.0	0.28353 (12100807) 0.30754 (14102007) 0.33103
(14102007)	0.32467 (14102007) 0.30269 (12022907)
3764427.0	0.28233 (16101107) 0.31502 (12100807) 0.34393
(14102007)	0.35367 (14102007) 0.33024 (12022907)
3764377.0	0.27568 (16101107) 0.31673 (12100807) 0.35056
(14102007)	0.37739 (14102007) 0.36895 (14102007)
3764327.0	0.26481 (14020308) 0.31685 (16101107) 0.36006
(12100807)	0.39714 (14102007) 0.40567 (14102007)
3764277.0	0.27706 (12031607) 0.30679 (16101107) 0.36534
(12100807)	0.40675 (14102007) 0.43818 (14102007)

3764227.0	0.32883 (12031607)	0.30239 (12031607)	0.36077
(16101107)	0.42195 (12100807)	0.46954 (14102007)	
3764177.0	0.36520 (12031607)	0.35864 (12031607)	0.34811
(16101107)	0.42868 (16101107)	0.49650 (14102007)	
3764127.0	0.40202 (14121107)	0.40222 (12031607)	0.40883
(12031607)	0.42384 (16101107)	0.51108 (12100807)	
3764077.0	0.41793 (14121107)	0.34685 (14121107)	0.36300
(12031607)	0.45916 (12031607)	0.52688 (16101107)	
3764027.0	0.40373 (14121107)	0.37352 (14121107)	0.40863
(14121107)	0.43075 (12031607)	0.44123 (12031607)	
3763977.0	0.47287 (16032107)	0.48660 (16032107)	0.44239
(14121107)	0.49232 (14121107)	0.52408 (12031607)	
3763927.0	0.41912 (16032107)	0.46303 (16032107)	0.50104
(16032107)	0.53660 (14121107)	0.61142 (14121107)	
3763877.0	0.42402 (16032107)	0.49059 (16032107)	0.56064
(16032107)	0.62878 (16032107)	0.68416 (16032107)	
3763827.0	0.47277 (12033007)	0.52322 (12033007)	0.57648
(12033007)	0.68697 (16032107)	0.80914 (16032107)	
3763777.0	0.58844 (12033007)	0.55837 (12033007)	0.64563
(12033007)	0.74712 (12033007)	0.86323 (12033007)	
3763727.0	0.61804 (12020808)	0.53579 (12020808)	0.63843
(12033007)	0.77344 (12033007)	0.94722 (12033007)	
3763677.0	0.63370 (12020808)	0.54877 (12020808)	0.64377
(12020808)	0.76525 (12020808)	0.92989 (12020808)	
3763627.0	0.68341 (13100807)	0.70552 (13100807)	0.73317
(13100807)	0.87656 (13100807)	1.07435 (13100807)	
3763577.0	0.69570 (13100807)	0.64499 (13100807)	0.74906
(13100807)	0.88409 (13100807)	1.06579 (13100807)	
3763527.0	0.62709 (12101107)	0.59281 (13100807)	0.68180
(12101107)	0.79580 (12101107)	0.93677 (12101107)	
3763477.0	0.49538 (12101107)	0.55072 (12101107)	0.61126
(12101107)	0.67505 (12101107)	0.79416 (12031407)	
3763427.0	0.43551 (12101107)	0.47651 (12031407)	0.54664
(12031407)	0.61815 (12031407)	0.69748 (13012407)	
3763377.0	0.40844 (12031407)	0.45181 (12031407)	0.49565
(15110407)	0.54692 (13012407)	0.61699 (15102907)	
3763327.0	0.37904 (15110407)	0.40960 (13012407)	0.44987
(12111907)	0.49734 (15102907)	0.56036 (13102507)	
3763277.0	0.34581 (13012407)	0.38163 (12111907)	0.41785
(15102907)	0.46562 (13102507)	0.51569 (13032107)	
3763227.0	0.32179 (12111907)	0.34847 (15102907)	0.38365
(13102507)	0.41391 (13102507)	0.50029 (13032107)	
3763177.0	0.29975 (15102907)	0.32803 (13102507)	0.35096
(13102507)	0.40649 (13032107)	0.46036 (13032107)	
3763127.0	0.28471 (13102507)	0.30375 (13102507)	0.33973
(13032107)	0.38834 (13032107)	0.41913 (13032107)	
3763077.0	0.26633 (13102507)	0.28791 (13032107)	0.33034
(13032107)	0.36215 (13032107)	0.37534 (13032107)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 57

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD	X-COORD		
(METERS)			
(METERS)	460800.60	460850.60	
460900.60	460950.60	461000.60	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -
3764777.0	0.23298 (15021907)	0.23302 (15021907)	0.23057
(14012707)	0.23319 (14111407)	0.23621 (14111407)	
3764727.0	0.24281 (15021907)	0.24757 (15021907)	0.24418
(14012707)	0.24484 (14111407)	0.24548 (14111407)	
3764677.0	0.25379 (15122208)	0.26138 (15021907)	0.25791
(14012707)	0.25213 (14111407)	0.25959 (14111407)	
3764627.0	0.26545 (15122208)	0.27821 (15021907)	0.27262
(14012707)	0.27006 (14111407)	0.27570 (14111407)	
3764577.0	0.27489 (15122208)	0.29216 (15021907)	0.28551
(15021807)	0.28297 (14111407)	0.29464 (14111407)	
3764527.0	0.28249 (15122208)	0.30684 (15021907)	0.30409
(15021907)	0.29882 (14012707)	0.31186 (14111407)	
3764477.0	0.29060 (15122208)	0.32089 (15021907)	0.32988
(15021907)	0.32390 (14012707)	0.33227 (14111407)	
3764427.0	0.31472 (16101407)	0.33717 (15122208)	0.35341
(15021907)	0.34016 (14012707)	0.35400 (14111407)	
3764377.0	0.34224 (12022907)	0.35976 (15122208)	0.37021
(15021907)	0.37374 (14012707)	0.37923 (14111407)	
3764327.0	0.38009 (12022907)	0.37103 (15122208)	0.39731
(15021907)	0.39975 (14012707)	0.41323 (14111407)	
3764277.0	0.43139 (14102007)	0.38754 (16101407)	0.42865
(15021907)	0.43972 (14012707)	0.44075 (14111407)	

3764227.0	0.48002 (14102007)	0.43730 (12022907)	0.45962
(15122208)	0.47441 (15021907)	0.48551 (14111407)	
3764177.0	0.53422 (14102007)	0.51098 (14102007)	0.50973
(15122208)	0.52483 (15021907)	0.52623 (14111407)	
3764127.0	0.58590 (14102007)	0.60062 (14102007)	0.55390
(15122208)	0.60261 (15021907)	0.59797 (14111407)	
3764077.0	0.61743 (14102007)	0.68210 (14102007)	0.63812
(14102007)	0.54490 (15122208)	0.55263 (14111407)	
3764027.0	0.66003 (12100807)	0.75707 (14102007)	0.63262
(14102007)	0.63535 (15122208)	0.64727 (14111407)	
3763977.0	0.57018 (12100807)	0.69056 (14102007)	0.76379
(14102007)	0.75165 (15122208)	0.77486 (14111407)	
3763927.0	0.66031 (14121107)	0.76700 (12100807)	0.92403
(14102007)	0.94791 (14102007)	0.96275 (15021907)	
3763877.0	0.79290 (14121107)	0.87879 (14121107)	1.10829
(14102007)	1.26084 (14102007)	1.24801 (15021907)	
3763827.0	0.93156 (16032107)	1.09888 (14121107)	1.29151
(14121107)	1.76092 (14102007)	1.71808 (15021907)	
3763777.0	1.06756 (16032107)	1.33993 (16032107)	1.72379
(14121107)	2.94719 (14102007)	2.66864 (14102007)	
3763727.0	1.17242 (12033007)	1.46687 (12033007)	1.92828
(16032107)	2.57881 (16032107)	3.90375 (14102007)	
3763677.0	1.15757 (12020808)	1.54966 (12033007)	2.17485
(12033007)	3.12361 (16032107)	4.00014 (15012707)	
3763627.0	1.36225 (13100807)	1.82182 (13100807)	2.68021
(13100807)	4.63438 (13100807)	4.58817 (13100807)	
3763577.0	1.32199 (13100807)	1.71576 (13100807)	2.40015
(13100807)	3.52993 (12120407)	4.16686 (13100807)	
3763527.0	1.10768 (12101107)	1.33302 (12031407)	1.72561
(15110407)	2.40957 (13032107)	3.19342 (13032107)	
3763477.0	0.93563 (15110407)	1.10079 (13012407)	1.38533
(13032107)	1.87268 (13032107)	2.05700 (12031507)	
3763427.0	0.79521 (15102907)	0.94191 (13102507)	1.23261
(13032107)	1.41066 (13032107)	1.47483 (12031507)	
3763377.0	0.70997 (13102507)	0.87721 (13032107)	1.03063
(13032107)	1.03917 (13032107)	1.09810 (16122308)	
3763327.0	0.65934 (13032107)	0.78394 (13032107)	0.83570
(13032107)	0.84375 (12031507)	0.87195 (16122308)	
3763277.0	0.61447 (13032107)	0.67672 (13032107)	0.66904
(13032107)	0.70445 (12031507)	0.71601 (12031207)	
3763227.0	0.56188 (13032107)	0.57823 (13032107)	0.56173
(12031507)	0.59434 (12031507)	0.60669 (12031207)	
3763177.0	0.48942 (13032107)	0.48070 (13032107)	0.50011
(12031507)	0.52208 (16122308)	0.52454 (12031207)	
3763127.0	0.42517 (13032107)	0.40478 (12031507)	0.43755
(12031507)	0.44914 (16122308)	0.45934 (12031207)	
3763077.0	0.36594 (13032107)	0.36939 (12031507)	0.38841
(12031507)	0.39590 (16122308)	0.40329 (12031207)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 58

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD	X-COORD		
(METERS)			
(METERS)	461050.60	461100.60	
461150.60	461200.60	461250.60	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -
3764777.0	0.22108 (14111407)	0.19278 (14111407)	0.15611
(14111407)	0.15597 (12110907)	0.18280 (14030407)	
3764727.0	0.23077 (14111407)	0.20257 (14111407)	0.16369
(14111407)	0.16953 (14030407)	0.19763 (14030407)	
3764677.0	0.24506 (14111407)	0.21511 (14111407)	0.17186
(14111407)	0.18616 (14030407)	0.21550 (14030407)	
3764627.0	0.25875 (14111407)	0.22675 (14111407)	0.18089
(14111407)	0.20216 (14030407)	0.23257 (14030407)	
3764577.0	0.27842 (14111407)	0.24024 (14111407)	0.19073
(12110907)	0.22126 (14030407)	0.25270 (12022007)	
3764527.0	0.29226 (14111407)	0.25476 (14111407)	0.20652
(12110907)	0.24511 (14030407)	0.27418 (12022007)	
3764477.0	0.31608 (14111407)	0.27286 (14111407)	0.22837
(14030407)	0.27062 (14030407)	0.29494 (12022007)	
3764427.0	0.34118 (14111407)	0.29248 (14111407)	0.25320
(14030407)	0.29340 (12022007)	0.32724 (12022007)	
3764377.0	0.36499 (14111407)	0.31492 (14111407)	0.28367
(14030407)	0.31813 (12022007)	0.35111 (12022007)	
3764327.0	0.39481 (14111407)	0.33492 (14111407)	0.31757
(14030407)	0.35501 (12022007)	0.37469 (12022007)	
3764277.0	0.42843 (14111407)	0.36546 (14111407)	0.35618
(14030407)	0.39499 (12022007)	0.40676 (12022007)	

3764227.0	0.46716 (14111407)	0.40387 (14111407)	0.40709
(12022007)	0.44430 (12022007)	0.43883 (12022007)	
3764177.0	0.50738 (14111407)	0.43536 (14111407)	0.46459
(12022007)	0.48216 (12022007)	0.49010 (12122608)	
3764127.0	0.47453 (14111407)	0.48525 (14111407)	0.53220
(12022007)	0.53981 (12022007)	0.55278 (12122608)	
3764077.0	0.54806 (14111407)	0.48437 (14111407)	0.61483
(12022007)	0.60290 (12122608)	0.61904 (12122608)	
3764027.0	0.64387 (14111407)	0.56468 (12022007)	0.71352
(12022007)	0.58078 (12122608)	0.64779 (12122608)	
3763977.0	0.77245 (14111407)	0.69036 (12022007)	0.68898
(12122608)	0.67817 (12122608)	0.66723 (12113008)	
3763927.0	0.95252 (14111407)	0.86279 (12022007)	0.85315
(12122608)	0.80981 (12113008)	0.82490 (12113008)	
3763877.0	1.21524 (14111407)	1.10609 (12022007)	1.06057
(12122608)	1.06190 (12113008)	0.98784 (12113008)	
3763827.0	1.62977 (14111407)	1.46318 (12022007)	1.42950
(12113008)	1.35454 (12113008)	1.14855 (12032907)	
3763777.0	2.37936 (14111407)	2.06012 (12113008)	2.01704
(12113008)	1.66082 (12032907)	1.30209 (12032907)	
3763727.0	4.08643 (12022007)	3.51994 (12113008)	2.80386
(12113008)	1.98017 (12032907)	1.32772 (12092607)	
3763677.0	4.21191 (12113008)	5.05567 (12113008)	4.14230
(12032907)	2.34096 (12092607)	1.60367 (12092607)	
3763627.0	3.53710 (13100807)	3.95025 (12113008)	4.27342
(12100507)	2.30679 (15030907)	1.54918 (14111107)	
3763577.0	4.23681 (12032807)	4.45314 (12032807)	3.14407
(16122307)	2.13172 (12100507)	1.54648 (12100507)	
3763527.0	3.69409 (13020507)	3.92801 (12032807)	2.31746
(13110407)	1.69485 (12030107)	1.31039 (16122307)	
3763477.0	2.23041 (12031207)	2.44712 (12032807)	1.81186
(12032807)	1.40834 (13102907)	1.11569 (12030107)	
3763427.0	1.52105 (12031207)	1.63740 (12032807)	1.49059
(12032807)	1.15990 (13121908)	0.97251 (13102907)	
3763377.0	1.12685 (12031207)	1.17273 (12032807)	1.19511
(12032807)	0.97009 (12032807)	0.83056 (13121908)	
3763327.0	0.88595 (12031207)	0.87407 (12032807)	0.95855
(12032807)	0.86408 (12032807)	0.71652 (13121908)	
3763277.0	0.72283 (12031207)	0.67559 (12032807)	0.77681
(12032807)	0.75285 (12032807)	0.63298 (12032807)	
3763227.0	0.60457 (12031207)	0.56779 (12122707)	0.63607
(12032807)	0.65061 (12032807)	0.58553 (12032807)	
3763177.0	0.51669 (12031207)	0.48855 (12122707)	0.52548
(12032807)	0.56051 (12032807)	0.53219 (12032807)	
3763127.0	0.45505 (12031207)	0.43569 (12122707)	0.43954
(12032807)	0.48285 (12032807)	0.47867 (12032807)	
3763077.0	0.39602 (12031207)	0.37944 (12122707)	0.37334
(12032807)	0.42163 (12032807)	0.42934 (12032807)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 59

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD	X-COORD		
(METERS)			
(METERS)	461300.60	461350.60	
461400.60	461450.60	461500.60	
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -
3764777.0	0.20066 (12022007)	0.22339 (12022007)	0.22923
(12022007)	0.21816 (12022007)	0.21655 (12122608)	
3764727.0	0.21773 (12022007)	0.23632 (12022007)	0.23787
(12022007)	0.22132 (12022007)	0.23424 (12122608)	
3764677.0	0.23500 (12022007)	0.25041 (12022007)	0.24679
(12022007)	0.23868 (12122608)	0.24924 (12122608)	
3764627.0	0.25354 (12022007)	0.26573 (12022007)	0.25462
(12022007)	0.26072 (12122608)	0.26117 (12122608)	
3764577.0	0.27285 (12022007)	0.27953 (12022007)	0.26426
(12122608)	0.28061 (12122608)	0.26864 (12122608)	
3764527.0	0.29276 (12022007)	0.29229 (12022007)	0.29222
(12122608)	0.29696 (12122608)	0.28497 (16110107)	
3764477.0	0.31258 (12022007)	0.30328 (12022007)	0.31851
(12122608)	0.30806 (12122608)	0.30749 (16110107)	
3764427.0	0.33213 (12022007)	0.33094 (12122608)	0.34105
(12122608)	0.32560 (16110107)	0.32353 (16110107)	
3764377.0	0.35102 (12022007)	0.36624 (12122608)	0.35786
(12122608)	0.35220 (16110107)	0.34915 (12102307)	
3764327.0	0.37273 (12122608)	0.39759 (12122608)	0.37870
(16110107)	0.37380 (16110107)	0.38322 (12102307)	
3764277.0	0.41455 (12122608)	0.42159 (12122608)	0.40813
(16110107)	0.41778 (12102307)	0.41249 (12113008)	

3764227.0	0.45737 (12122608)	0.44465 (16110107)	0.44534
(12102307)	0.45470 (12102307)	0.48167 (12113008)	
3764177.0	0.49366 (12122608)	0.48298 (16110107)	0.50213
(12102307)	0.52849 (12113008)	0.53345 (12113008)	
3764127.0	0.52119 (12122608)	0.54528 (12102307)	0.56840
(12113008)	0.59899 (12113008)	0.55186 (12101207)	
3764077.0	0.58416 (12102307)	0.61440 (12113008)	0.64284
(12113008)	0.63177 (12113008)	0.58952 (12032907)	
3764027.0	0.67352 (12113008)	0.72079 (12113008)	0.69146
(12113008)	0.67318 (12032907)	0.62513 (12032907)	
3763977.0	0.80761 (12113008)	0.79192 (12113008)	0.74126
(12032907)	0.71365 (12032907)	0.58859 (12032907)	
3763927.0	0.91312 (12113008)	0.85092 (12032907)	0.78468
(12032907)	0.66186 (12032907)	0.53984 (12121707)	
3763877.0	0.86033 (12032907)	0.91718 (12032907)	0.74107
(12032907)	0.66167 (12121707)	0.62827 (12121707)	
3763827.0	0.95324 (12032907)	0.85343 (12032907)	0.75105
(12121707)	0.70367 (12121707)	0.61673 (12121707)	
3763777.0	0.95040 (12032907)	0.76670 (12121707)	0.67614
(12092607)	0.74599 (12092607)	0.71315 (12092607)	
3763727.0	1.09928 (12092607)	0.90847 (12092607)	0.94477
(12092607)	0.79807 (12092607)	0.72427 (16030307)	
3763677.0	1.17756 (12092607)	0.90286 (12092607)	0.88828
(15030907)	0.79966 (15030907)	0.72420 (15030907)	
3763627.0	1.16450 (141111107)	0.91462 (141111107)	0.91767
(141111107)	0.79445 (141111107)	0.68219 (141111107)	
3763577.0	1.16504 (12100507)	0.91721 (15012708)	0.92425
(15012708)	0.74772 (15012708)	0.63333 (15012708)	
3763527.0	1.03742 (12100507)	0.87303 (12100507)	0.89806
(12100507)	0.75172 (12100507)	0.66624 (15012708)	
3763477.0	0.91668 (12030107)	0.77082 (16122307)	0.65726
(16122307)	0.57143 (12100507)	0.51043 (12100507)	
3763427.0	0.81456 (13110407)	0.70033 (12030107)	0.59304
(12030107)	0.52785 (16122307)	0.46680 (16122307)	
3763377.0	0.72632 (13102907)	0.63190 (13110407)	0.55724
(12030107)	0.49228 (12030107)	0.42846 (16122307)	
3763327.0	0.63230 (13121908)	0.57257 (13102907)	0.51085
(13110407)	0.45581 (12030107)	0.41464 (12030107)	
3763277.0	0.57066 (13121908)	0.50149 (13121908)	0.46922
(13102907)	0.42574 (13110407)	0.37980 (12030107)	
3763227.0	0.49758 (13121908)	0.46689 (13121908)	0.41430
(13102907)	0.39453 (13102907)	0.36161 (13110407)	
3763177.0	0.45678 (12032807)	0.42075 (13121908)	0.38989
(13121908)	0.35333 (13102907)	0.33754 (13102907)	
3763127.0	0.43200 (12032807)	0.37017 (13121908)	0.35997
(13121908)	0.33104 (13121908)	0.30616 (13102907)	
3763077.0	0.40226 (12032807)	0.35027 (12032807)	0.32472
(13121908)	0.31140 (13121908)	0.28526 (13121908)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

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

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

Y-COORD (METERS)	X-COORD
461650.60	461550.60 461600.60 461750.60
3764777.0	0.22335 (12122608) 0.20941 (12122608) 0.21921
(16110107)	0.21614 (16110107) 0.20030 (12102307)
3764727.0	0.23170 (12122608) 0.22746 (16110107) 0.23114
(16110107)	0.21905 (16110107) 0.22313 (12102307)
3764677.0	0.23551 (12122608) 0.24416 (16110107) 0.23873
(16110107)	0.23449 (12102307) 0.23471 (12102307)
3764627.0	0.25410 (16110107) 0.25678 (16110107) 0.24448
(12102307)	0.25175 (12102307) 0.23773 (12102307)
3764577.0	0.27309 (16110107) 0.26513 (16110107) 0.26783
(12102307)	0.25835 (12102307) 0.26178 (12113008)
3764527.0	0.28648 (16110107) 0.28360 (12102307) 0.28245
(12102307)	0.25475 (12113008) 0.26517 (12113008)
3764477.0	0.29705 (12102307) 0.30712 (12102307) 0.27531
(12113008)	0.27367 (12113008) 0.23731 (12113008)
3764427.0	0.32966 (12102307) 0.31885 (12102307) 0.29369
(12113008)	0.25444 (12113008) 0.21649 (12113008)
3764377.0	0.35117 (12102307) 0.34534 (12113008) 0.31954
(12113008)	0.24670 (12113008) 0.21933 (12101207)
3764327.0	0.38696 (12113008) 0.30840 (12113008) 0.31645
(12113008)	0.25073 (12101207) 0.22487 (12101207)
3764277.0	0.43978 (12113008) 0.29115 (12113008) 0.27336
(12101207)	0.25931 (12101207) 0.23981 (12032907)

3764227.0	0.47670 (12113008)	0.40050 (12101207)	0.27134
(12101207)	0.27016 (12032907)	0.23264 (12032907)	
3764177.0	0.49378 (12101207)	0.44954 (12101207)	0.28725
(12032907)	0.25127 (12032907)	0.23796 (12110107)	
3764127.0	0.52261 (12032907)	0.49684 (12032907)	0.27089
(12032907)	0.26058 (12110107)	0.22524 (12110107)	
3764077.0	0.55366 (12032907)	0.47800 (12032907)	0.27987
(12110107)	0.23447 (12110107)	0.20937 (12121707)	
3764027.0	0.52893 (12032907)	0.41751 (12110107)	0.23812
(12110107)	0.25512 (12121707)	0.25966 (12121707)	
3763977.0	0.45930 (12110107)	0.44935 (12121707)	0.30109
(12121707)	0.29349 (12121707)	0.26564 (12121707)	
3763927.0	0.53413 (12121707)	0.50435 (12121707)	0.31535
(12121707)	0.27169 (12121707)	0.26780 (13010108)	
3763877.0	0.56587 (12121707)	0.49153 (12121707)	0.33109
(13010108)	0.31379 (13010108)	0.27834 (13010108)	
3763827.0	0.56969 (13010108)	0.52072 (12092607)	0.35036
(16111607)	0.32841 (16111607)	0.29987 (12092607)	
3763777.0	0.64876 (12092607)	0.45665 (12092607)	0.35803
(13030507)	0.32913 (16030307)	0.30570 (16030307)	
3763727.0	0.64308 (16030307)	0.40619 (16030307)	0.36018
(16030307)	0.33440 (15030907)	0.31027 (15030907)	
3763677.0	0.65525 (15030907)	0.56338 (15030907)	0.51858
(15030907)	0.31767 (15030907)	0.29803 (13032807)	
3763627.0	0.63176 (14111107)	0.54251 (14111107)	0.49747
(14111107)	0.40672 (13032207)	0.31034 (13032207)	
3763577.0	0.55438 (13032207)	0.50390 (13032207)	0.46372
(13032207)	0.42734 (13032207)	0.37751 (13032207)	
3763527.0	0.60018 (15012708)	0.56697 (15012708)	0.50303
(15012708)	0.44600 (15012708)	0.39462 (15012708)	
3763477.0	0.54741 (12100507)	0.55405 (12100507)	0.52154
(12100507)	0.47468 (15012708)	0.43774 (15012708)	
3763427.0	0.41030 (16122307)	0.45211 (12100507)	0.45338
(12100507)	0.43933 (12100507)	0.41471 (12100507)	
3763377.0	0.39155 (16122307)	0.44800 (16122307)	0.43047
(16122307)	0.39895 (16122307)	0.36842 (13032607)	
3763327.0	0.36762 (12030107)	0.32997 (16122307)	0.39445
(16122307)	0.38577 (16122307)	0.36258 (16122307)	
3763277.0	0.35357 (12030107)	0.32110 (12030107)	0.28653
(12030107)	0.34195 (16122307)	0.33434 (16122307)	
3763227.0	0.32524 (13110407)	0.30505 (12030107)	0.28244
(12030107)	0.25710 (12030107)	0.28354 (14030707)	
3763177.0	0.31217 (13110407)	0.28467 (13110407)	0.26603
(12030107)	0.25024 (12030107)	0.23152 (12030107)	
3763127.0	0.29355 (13102907)	0.27347 (13110407)	0.25212
(13110407)	0.23425 (12030107)	0.22306 (12030107)	
3763077.0	0.26936 (13102907)	0.25899 (13102907)	0.24230
(13110407)	0.22520 (13110407)	0.20770 (12030107)	

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 61

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,
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 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
461000.93	3763690.43	4.18616	(15012707)	
460961.99	3763630.79	5.01835	(13100807)	
460221.39	3763778.42	0.24132	(12020808)	
460162.50	3763741.70	0.22302	(12020808)	
460162.50	3763679.89	0.21261	(13100807)	
460019.98	3763644.99	0.18874	(13100807)	
459978.17	3763631.54	0.18279	(13100807)	
459895.65	3763639.90	0.16152	(13100807)	
460885.25	3763669.35	1.97123	(12033007)	
460945.98	3763764.03	2.98104	(14121107)	
460935.01	3763752.92	2.61018	(16032107)	
460951.19	3763781.58	2.78232	(14102007)	
460962.43	3763794.20	2.46408	(14102007)	
460896.48	3763683.95	2.08080	(12033007)	
461124.58	3763564.30	3.48931	(16122307)	
461151.52	3763588.50	3.34758	(16122307)	
461170.55	3763615.28	3.23855	(12100507)	
461178.14	3763632.22	3.05499	(15030907)	
461164.42	3763598.02	3.17740	(12100507)	
461122.96	3763546.88	3.19799	(12032807)	
460836.44	3763699.06	1.43265	(12033007)	
460810.77	3763713.57	1.24686	(12033007)	
460925.05	3763732.83	2.22439	(16032107)	
460908.08	3763705.59	2.07062	(16032107)	

	461127.88	3763896.29	0.98191	(12122608)
461105.34	3763905.38		0.95678	(12022007)
	461180.97	3763857.02	1.18889	(12113008)
461236.60	3763822.48		1.21923	(12101207)
	461196.84	3763672.63	2.46457	(12092607)
461215.08	3763701.07		1.84616	(12092607)
	461237.64	3763739.39	1.45139	(12032907)
460996.15	3763851.71		1.45345	(15021907)
	461015.35	3763890.69	1.16286	(14111407)
461058.95	3763932.16		0.91323	(14111407)
	460689.24	3763597.52	0.86248	(13100807)
460715.42	3763636.06		0.91137	(13100807)

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 62

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	0.16206 AT (461050.60,
3763626.97,	271.80, 676.90,	0.00) GC UCART1
	2ND HIGHEST VALUE IS	0.15853 AT (461100.60,
3763626.97,	272.20, 676.90,	0.00) GC UCART1
	3RD HIGHEST VALUE IS	0.13594 AT (461050.60,
3763576.97,	270.80, 676.90,	0.00) GC UCART1
	4TH HIGHEST VALUE IS	0.13197 AT (461050.60,
3763676.97,	272.70, 676.90,	0.00) GC UCART1
	5TH HIGHEST VALUE IS	0.12882 AT (461000.60,
3763626.97,	271.90, 676.90,	0.00) GC UCART1
	6TH HIGHEST VALUE IS	0.12677 AT (461100.60,
3763676.97,	273.20, 676.90,	0.00) GC UCART1
	7TH HIGHEST VALUE IS	0.12122 AT (461100.60,
3763576.97,	271.10, 676.90,	0.00) GC UCART1
	8TH HIGHEST VALUE IS	0.11716 AT (461150.60,
3763626.97,	272.50, 676.90,	0.00) GC UCART1
	9TH HIGHEST VALUE IS	0.10098 AT (461000.60,
3763576.97,	270.70, 676.90,	0.00) GC UCART1
	10TH HIGHEST VALUE IS	0.08683 AT (461124.58,
3763564.30,	271.02, 676.88,	0.00) DC

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

*** AERMOD - VERSION 24142 *** *** C:\Lakes\AERMOD View\AERMOD
View\24_095_Skilled_Nursing\24_095_Skill *** 03/31/25
*** AERMET - VERSION 16216 *** ***
*** 09:15:47

PAGE 64

*** 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 2 Warning Message(s)
A Total of 1638 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1039 Calm Hours Identified

A Total of 599 Missing Hours Identified (1.37 Percent)

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

***** WARNING MESSAGES *****
ME W186 469 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 469 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

APPENDIX C – ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS

Skilled Nursing Facility

Construction DPM Emissions
Data Source: CalEEMod Project Output

CalEEMod Default Construction Vehicle Trip Length

Work Schedule

8 hrs./day

5 days per week

Vehicle

Distance
(miles)

Onsite DPM Construction Emissions

Size of the Construction Area:

5.95 acres

acres

Head Truck

20

Worker Truck

10.2

Worker

18.3

Unit Emission Rate:

4.132025-05 g/hc-hr

Daily Mass Change PM10SE

Activity	Start Date	End Date	DPM Emissions lb/day	Work days	DPM Emissions (lb)	DPM Emissions (tons)
Demolition	1/4/2027	1/8/2027	0.80	5	3.98	0.001190
Site Preparation	1/9/2027	1/15/2027	1.62	5	8.10	0.004050
Grading	1/16/2027	2/5/2027	0.93	15	14.01	0.007002
Building Construction - 2027	2/7/2027	12/31/2027	0.36	234	85.35	0.042623
Building Construction - 2028	1/1/2028	3/31/2028	0.33	66	21.49	0.010743
Painting	4/1/2028	4/14/2028	0.39	10	3.88	0.001439
Architectural Coating	4/15/2028	5/12/2028	0.02	20	0.41	0.000205
			4.3477	355	132.129	0.372

Year	Annual DPM Emissions (tons/year)	# Construction Work Days	Average Daily DPM Emissions (lb/day)	Average Hourly DPM Emissions (lb/hr)	Average Hourly DPM Emissions (g/hr)	Average Hourly DPM Area Emission (g/m ² -hr)
2027	0.0556466	239	0.4299	0.0537	0.0068	2.814E-07
2028	0.012388	96	0.2581	0.0323	0.0041	1.690E-07

→

2.51E-07

0.011

Offsite DPM Construction Emissions

Daily Mass Change PM10SE

Daily Mass Change PM10SE

Activity	Start Date	End Date	Work Days	Offsite DPM Head Truck (lb/day)	Offsite DPM Head Truck (pounds)	Offsite DPM Head Truck (tons)	Offsite DPM Worker Truck (lb/day)	Offsite DPM Worker Truck (pounds)	Offsite DPM Worker Truck (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	1/4/2027	1/8/2027	5	0.0484	0.242675	0.000121034	0	0	0	0	0	0
Site Preparation	1/9/2027	1/15/2027	5	0.0000	0	0	0	0	0	0	0	0
Grading	1/16/2027	2/5/2027	15	0.1032	1.54764	0.00077382	0	0	0	0	0	0
Building Construction - 2027	2/7/2027	12/31/2027	234	0.0000	0	0	0.0056	1.320496	0.000640348	0.0000	0	0
Building Construction - 2028	1/1/2028	3/31/2028	66	0.0000	0	0	0.0056	0.372504	0.000186252	0.0000	0	0
Painting	4/1/2028	4/14/2028	10	0.0000	0	0	0.0000	0	0	0.0000	0	0
Architectural Coating	4/15/2028	5/12/2028	20	0.0000	0	0	0.0000	0	0	0.0000	0	0
			355	0.1516	1.7897075	0.000894854	0.0113	1.6932	0.0008466	0.0000	0	0

Offsite DPM Emissions (at the CalEEMod Default Trip Distances)

Year	# of Construction Days	Annual Emissions (tons/year)	Average Daily Emissions (lb/day)	Average Hourly Emissions (lb/hr)	Average Hourly Emissions (g/hr)	Annual Emissions (tons/year)	Average Daily Emissions (lb/day)	Average Hourly Emissions (lb/hr)	Average Hourly Emissions (g/hr)	Annual Emissions (tons/year)	Average Daily Emissions (lb/day)	Average Hourly Emissions (lb/hr)	Average Hourly Emissions (g/hr)
2026	259	0.000894854	0.006910068	0.000863758	0.00010893	0.000660348	0.005099212	0.000637402	0.00008038	0.000660348	0.005099212	0.000637402	0.00008038
2027	96	0	0	0	0	0.000186252	0.00388025	0.000485031	6.11678E-05	0	0	0	0

7.95E-04

CalEEMod Construction Vehicle Trip Length

Vehicle

Distance
(miles)

Head Truck

20

Worker Truck

10.2

Worker

18.3

Travel Routes

	Meters	Miles	Percent of Trips
Offsite 1: Project Site > 33rd > 34th > Valley Way > SR-40	1986.1	1.234165325	100%

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Head Trucks (g/hr)	Worker Trucks (g/hr)	Worker Vehicles (g/hr)	Total (g/hr)	Total (lb/hr)	Total (lb/day)
2026 (Scaled for Distance and Distribution)	1.289E-04	8.038E-05	0.000E+00	1.445E-05	1.304E-04	1.043E-03
Offsite 1: Project Site > 33rd > 34th > Valley Way > SR-40	6.723E-06	9.736E-06	0.000E+00	1.445E-05	1.304E-04	1.043E-03
2027 (Scaled for Distance and Distribution)	0.000E+00	6.117E-05	0.000E+00	7.401E-06	5.888E-05	4.695E-04
Offsite 1: Project Site > 33rd > 34th > Valley Way > SR-40	0.000E+00	7.401E-06	0.000E+00	7.401E-06	5.888E-05	4.695E-04

Weighted Average Emissions

Offsite 1	1.400E-03 g/hr
-----------	----------------

APPENDIX D – ESTIMATION OF CONSTRUCTION HEALTH RISK

Skilled Nursing Facility

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Construction Days	1 /4/2027	5/12/2028	494	1.35
3rd Trimester (2027)	1/4/2027	4/4/2027	90	0.25
0-2 year (2027)	4/5/2027	12/31/2027	270	0.74
0-2 year (2027)	1/1/2028	5/12/2028	132	0.36
			Total:	1.35

Skilled Nursing Facility

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area

11,007 m2

19586.78507

Unit EmissionRate:

g/m2-sec

> Plugged this into Area Source

Inputs:

Actual Onsite Emission Source

Year	Average Hourly Emission Rate (g/m2-sec)	Weighted Avg (g/m2-sec)
2027	2.81415E-07	Area Source:
2028	1.68967E-07	2.51E-07

Offsite Unit Emission Source:

0.001 g/sec

Year	Average Hourly Emission Rate (g/sec)	New 60mi Inputs (g/sec)
	Offsite 1: Project Site > 33rd > 34th> Valley Way > SR-	1.40008E-05 g/sec

Results:

Max=school	0
Max= hosp	0
Max=Residential	0.08683
Max^	0.08683
Max=Worker	0.07948

0.0741 is max concentration

3.073 max for woker

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	8.79	10	No
Maximum Impacted Sensitive Receptor – Adult	0.31	10	No
Maximum Impacted Worker Receptor	0.27	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.02	1	No
Maximum Impacted Sensitive Receptor – Adult	0.02	1	No
Maximum Impacted Worker Receptor	0.02	1	No

5mph

Skilled Nursing Facility

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			8.79	0.02
Maximum Period DPM Concentration		0.0868 ug/m3		

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2027	0.08683	1.1	361	0.25	250	25550	0.85	10	0.71
	1 2027	0.08683	1.1	1090	0.74	250	25550	0.72	10	5.43
	2 2028	0.08683	1.1	1090	0.36	250	25550	0.72	10	2.65
	3 2029	0.00000								0.00
	4 2030	0.00000								0.00
	5 2031	0.00000								0.00
	6 2032	0.00000								0.00
	7 2033	0.00000								0.00
	8 2034	0.00000								0.00
	9 2035	0.00000								0.00
	10 2036	0.00000								0.00

Skilled Nursing Facility

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Residential	30-year Exposure	Adult						Total Cancer risk
Maximum Period DPM Concentration			0.08683	ug/m3						0.31
		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)
1	2027	0.08683	1.1	335	0.99	250	25550	0.73	1	0.23
2	2028	0.08683	1.1	335	0.36	250	25550	0.73	1	0.08
3	2029	0.00000								0.00
4	2030	0.00000								0.00
5	2031	0.00000								0.00
6	2032	0.00000								0.00
7	2033	0.00000								0.00
8	2034	0.00000								0.00
9	2035	0.00000								0.00
10	2036	0.00000								0.00

Skilled Nursing Facility

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Worker	25-year Exposure							Total Cancer risk	HI
Maximum Period DPM Concentration			0.07948 ug/m3							0.27	0.02
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)		
Year	Year										
1	2027	0.07948	1.1	230	0.99	250	25550	1	0.19		
2	2028	0.07948	1.1	230	0.36	250	25550	1	0.07		
3	2029								0.00		
4	2030								0.00		
5	2031								0.00		
6	2032								0.00		
7	2033								0.00		
8	2034								0.00		
9	2035								0.00		
10	2036								0.00		