

2421 W. 205th Street Torrance

Health Risk Assessment

*Prepared for City of Torrance,
Planning Department*

October 10, 2024



Prepared by

Elaina Chambers,
Air Quality Specialist

Alex Garber,
Sr. Technical Planner

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	6
1.2	Parking and Loading Docks	6
1.3	Operational Characteristics.....	6
1.4	Purpose of the Report	6
1.5	Summary of the Results	7
2	Health Risk Assessment.....	10
2.1	SCAQMD Significance Thresholds	10
	Project-Level	10
	Cumulative.....	11
2.2	Health Risk Estimation Methodology	11
	Cancer Risk.....	11
	Chronic Non-Cancer Hazard.....	15
2.3	Estimation of Project DPM Emissions.....	15
	Construction DPM Emissions.....	15
	Construction Equipment Emission Inventory Development	16
	Operational DPM Emissions	20
	Estimation of Mobile Source Emissions	20
2.4	Mobile Source Activity Levels.....	21
	DPM Truck Emission Factors.....	22
2.5	Atmospheric Dispersion Methodology	25
2.6	Sensitive Receptors.....	27
3	Results of the Health Risk Assessment	29
3.1	Project-Level Risk Results	29
3.2	Cumulative Analysis.....	30
3.3	Project Mitigation	36
4	Conclusion	38

Figures

Figure 1: Project Location.....	2
Figure 2: Project Site Plan.....	4
Figure 3: Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources ...	19
Figure 4: Locations of the Project's Operational On-Site and Off-Site DPM Emission Sources...	24
Figure 5: Locations of Air Dispersion Model Receptors	28
Figure 6: Locations of the Project's Operational On-Site and Off-Site DPM Emission Sources...	33
Figure 7: Locations of the Project's Cumulative Operational Air Dispersion Model Receptors ...	34

Tables

Table 1: Exposure Assumptions for Cancer Risk—OEHHA/SCAQMD Guidance.....	14
Table 2: Construction Schedule	16
Table 3: Proposed Project Construction Equipment Inventory	17
Table 4: Proposed Construction Vehicle Use	18
Table 5: Project On-site and Off-Site Construction Source DPM Daily Emissions.....	18
Table 6: Project Daily Operational Vehicle Trips	21
Table 7: Diesel Heavy-Duty Truck Vehicle Fleet	22
Table 8: Number of Daily Project Diesel Truck Vehicle Trips.....	22
Table 9: DPM Diesel Truck Emission Factors.....	23
Table 10: General Modeling Assumptions	25
Table 11: Summary of Construction and Operational Emissions Source Configuration.....	25
Table 12: Summary of Proposed Project Construction Health Risk	29
Table 13: Summary of Proposed Project Operational Health Risk.....	30
Table 14: Summary of Combined Project Construction and Operational Health Risk.....	30
Table 15: Summary of Cumulative Projects' Operational Emission Source Configuration	32
Table 16: Summary of Cumulative Projects' Operational Health Risk ¹	35
Table 17: Summary of Combined Project Construction and Cumulative Operational Health Risk	35
Table 18: Summary of Mitigated Project Construction	37
Table 19: Summary of Combined Mitigated Project Construction and Operational Health Risk	37
Table 20: Summary of Combined Mitigated Project Construction and Cumulative Operational Health Risk	37

Appendices

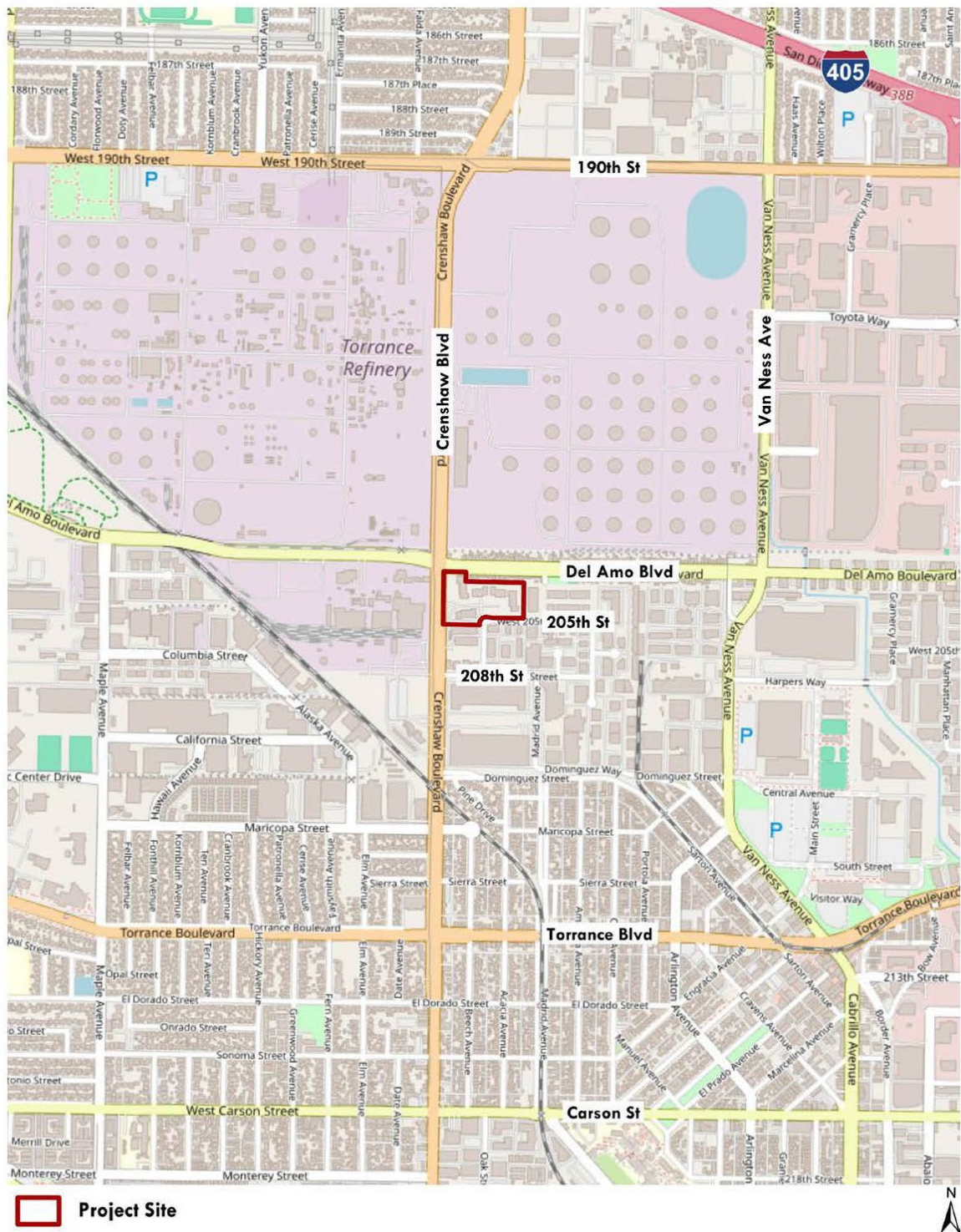
APPENDIX A.1	CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION AND OPERATION
APPENDIX A.2	CALEEMOD OUTPUT FOR MITIGATED PROJECT CONSTRUCTION
APPENDIX B.1	AERMOD CONSTRUCTION MODEL OUTPUT
APPENDIX B.2	AERMOD OPERATIONAL MODEL OUTPUT
APPENDIX B.3	AERMOD CUMULATIVE OPERATIONAL MODEL OUTPUT
APPENDIX B.4	AERMOD MITIGATED CONSTRUCTION MODEL OUTPUT
APPENDIX C.1	ESTIMATION OF PROJECT CONSTRUCTION DPM EMISSIONS
APPENDIX C.2	ESTIMATION OF PROJECT OPERATIONAL DPM EMISSIONS
APPENDIX C.3	ESTIMATION OF PROJECT CUMULATIVE OPERATIONAL DPM EMISSIONS
APPENDIX C.4	ESTIMATION OF MITIGATED PROJECT CONSTRUCTION DPM EMISSIONS
APPENDIX D.1	ESTIMATION OF CONSTRUCTION HEALTH RISK
APPENDIX D.2	ESTIMATION OF MITIGATED CONSTRUCTION HEALTH RISK
APPENDIX D.3	ESTIMATION OF OPERATIONAL HEALTH RISK
APPENDIX D.4	ESTIMATION OF COMBINED CONSTRUCTION AND OPERATIONAL HEALTH RISK AND MITIGATED COMBINED HEALTH RISK
APPENDIX D.5	ESTIMATION OF CUMULATIVE OPERATIONAL HEALTH RISK
APPENDIX D.6	ESTIMATION OF COMBINED CONSTRUCTION AND CUMULATIVE OPERATIONAL HEALTH RISK AND MITIGATED COMBINED CUMULATIVE HEALTH RISK

1 INTRODUCTION

This Health Risk Assessment (HRA) evaluates the potential impacts of the proposed 2421 W. 205th Street Torrance Industrial Project (proposed Project). The Project site is located on the southeast corner intersection of Del Amo Boulevard and Crenshaw Boulevard, in the City of Torrance within Los Angeles County. The Project site is within the jurisdiction of the South Coast Air Quality Management District (SCAQMD).

The Project site encompasses 8.21 total acres and is comprised of two parcels identified as Assessor's Parcel Numbers (APN) 7352-018-067 and -068. The site is fully developed with five two-story office and commercial buildings that total approximately 69,288 square feet (SF), as well as associated surface parking, driveways, and ornamental landscaping. Additionally, an existing 8-foot-high concrete masonry unit (CMU) wall is located along the northern property line. The Project proposes to demolish the existing structures on-site and redevelop the 8.21 gross-acre site with two speculative warehouse buildings. Building 1 (West) would be 79,609 SF and Building 2 (East) would be 64,324 SF for a total building area of 143,933 SF and a combined total footprint area of approximately 136,811 SF. Building 1 would result in a floor area ratio (FAR) of 0.388 and Building 2 would result in a FAR of 0.423. The buildings would support warehousing, manufacturing and office uses. Additional improvements to the site would include landscaping, utility connections, stormwater facilities, street improvements, and pavement of parking areas and drive aisles. The regional location and site plan are provided in Figure 1, *Project Location*, and Figure 2, *Project Site Plan*.

Figure 1: Project Location



This page intentionally left blank.

CRENSHAW BLVD

BEECH AVE.

DEL AMO BLVD

MADRID AVE.

RESIDENTIAL SITES

BLDG 1 (WEST)
76,055 SF + 3,554 SF MEZZ
79,609 SF GFA
TYPE III-B
S-1
32' CLR.
MAX. HT.: 42'

BLDG 2 (EAST)
60,756 SF + 3,568 SF MEZZ
64,324 SF GFA
TYPE III-B
S-1
32' CLR.
MAX. HT.: 42'

205TH STREET

N

This page intentionally left blank.

1.1 Access and Circulation

Access to the proposed Project would be provided via W. 205th Street. The southern driveway located on W. 205th Street would be a 30-foot-wide drive aisle that would provide access to passenger vehicles and trucks. On-site circulation along the northern portion of the site would be provided via a 26-foot-wide drive aisle that would serve as a fire lane. Trucks would also access the site via this same driveway located on W. 205th Street. As the existing office building land use is not a truck-intensive use, no credit of existing emissions was taken for this analysis.

1.2 Parking and Loading Docks

The proposed Project would provide a total of 251 stalls for auto parking, including 240 standard parking stalls and 11 accessible (ADA) stalls. Additionally, the Project would include a total of 18 dock doors. Building 1 includes 9 dock doors located along the east side of the building. Building 2 includes 9 dock doors located along the west side of the building, for a combined total of 18 dock doors amongst the two buildings. The Project does not include trailer parking stalls. The parking and loading docks are shown in Figure 2, *Project Site Plan*.

1.3 Operational Characteristics

The proposed Project would operate as two speculative industrial buildings and is expected to begin operation in the third quarter of 2026. No cold storage is proposed as part of the Project. Typical operational characteristics would include employees traveling to and from the site, delivery of materials and supplies to the site, and truck loading and unloading. To provide a conservative health risk analysis, operations were assumed to be 24 hours a day, 7 days a week.

1.4 Purpose of the Report

To support the CEQA document for the proposed Project, this report evaluates the potential health impacts to sensitive receptors from the construction and operation of the Project. This HRA focuses on the emissions of diesel particulate matter (DPM) from the construction and operation of the heavy-duty diesel vehicles and off-road construction equipment that would be utilized for the construction and operational purposes of the Project on a day-to-day basis. DPM has been identified by the California Air Resources Board (CARB) as a carcinogenic substance responsible for nearly 70% of the airborne cancer risk in California.¹ 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.

¹ California Air Resources Board. (2017). *Study Links California Regulations, Dramatic Declines in Cancer Risk from Exposure to Air Toxics*. <https://ww2.arb.ca.gov/news/study-links-california-regulations-dramatic-declines-cancer-risk-exposure-air-toxics>

- The United States 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)² and the SCAQMD.³
- The Emissions Factor project-level model (EMFAC, 2021 Version) calculates idling, 5 miles per hour (mph), and 25 mph exhaust emissions from diesel trucks for the operation of the Project.

1.5 Summary of the Results

The Project's maximum construction, operational, combined, and cumulative health risk impacts are summarized below. As there is one potential ensuing industrial development adjacent to the Project and within the cumulative impact search radius; the results for cumulative-level analysis are included in this summary, and a more detailed description of this analysis is included in Section 3.2, *Cumulative Analysis*.

Maximum Project Construction Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 12.55 in one million
- Worker receptor: 0.28 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.02

Maximum Project Operational Health Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 0.76 in one million
- Worker receptor: 0.11 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.02

Combined Project Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 13.37 in one million
- Worker receptor: 0.69 in one million

Project Cumulative Operational Health Risk Impacts:

- Sensitive/Residential receptor for the 30-year lifetime exposure duration: 6.24 in one million
- Worker Receptor: 0.85 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.17

² California Office of Environmental Health Hazards Assessment. (2015). *Air Toxics Hot Spots Program. Risk Assessment Guidelines. Guidance Manual for Preparation of Health Risk Assessments*.

<https://oehha.ca.gov/media/downloads/cnr/2015guidancemanual.pdf>

³ SCAQMD. (2017). Risk Assessment Procedures for Rules 1401, 1401.1, 1402, and 212, Version 8.1.

Combined Cumulative Project Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 19.27 in one million
- Worker Receptor: 1.17 in one million

The Project's individual operation and cumulative operational health risk results would not exceed the SCAQMD significance threshold of 10 in one million, nor would they exceed the HI threshold of 1.0. However, the individual construction, combined construction and operation, and cumulative combined construction and operational cancer risks impacts would exceed the 10 in one million significance threshold. To mitigate the significant construction and operational health risk impact, the following mitigation is proposed:

MM AQ-1: Projects are required to utilize Tier 4 Final or superior equipment for engines exceeding 50 horsepower (hp) or utilize equipment to achieve the same reduction of diesel particulate matter emissions.⁴ If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by SCAG before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment, reducing the number and/or horsepower rating of construction equipment, utilizing filters on lesser Tier equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion. An exception to this requirement may be considered if a project can demonstrate that Tier 4 engines are unnecessary to reduce emissions below significance thresholds.

As the unmitigated DPM emissions during construction, operation, and cumulative operation, individually, did not exceed the threshold for chronic non-cancer HI, these values are omitted from the summary below. However, it should be noted that with the implementation of MM AQ-1, the Project's individual cancer risk and non-cancer risk impact during construction and operation would also be reduced. Below are the combined construction and operational health risk impacts with the above mitigation implemented:

Maximum Project Mitigated Construction Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 2.94 in one million

Combined Project Mitigated Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 3.76 in one million

Combined Cumulative Mitigated Project Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 9.65 in one million

⁴ South Coast Association of Governments (SCAG). (2020). *Connect SoCal PEIR Addendum*. https://scag.ca.gov/sites/main/files/file-attachments/fpeir_connectsocial_addendum_4_mitigationmeasures.pdf?1606004420

The construction, combined construction and operation, and the cumulative cancer risk impacts of the proposed Project would be less than significant for cancer and non-cancer health risk, with the implementation of MM AQ-1: Tier 4 Final Construction Equipment.

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."*⁵

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 PM₁₀ from vehicle exhaust emissions.

2.1 SCAQMD Significance Thresholds

Project-Level

The City of Torrance 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

⁵ California Health and Safety Code Section 44306 Chapter 1252. (1987) AB 2588.

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

Cumulative

The SCAQMD conducted an analysis of the cumulative effects of TACs within the South Coast Air Basin as part of its *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V, the draft version of this MATES study series).⁶ The MATES-V study expresses cumulative TAC impacts in terms of potential increased cancer risks. 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 shown in MATES-V for the Project site area. The 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.⁷ The white paper recommends a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts with the proposed Project.⁸ 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.

Section 3.2, *Cumulative Analysis*, discusses the cumulative analysis of the Project further.

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

⁶ South Coast Air Quality Management District (SCAQMD). (2021). *Multiple Air Toxics Exposure Study in the South Coast Air Basin* (MATES-V). <http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-v>

⁷ South Coast Air Quality Management District (SCAQMD). (2003). *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*.

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

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.⁹ The risks for each age group are summed together to provide a total estimate of lifetime cancer risks for sensitive receptors. To estimate the cancer risk, the $Dose_{air}$ is estimated by applying the following equation to the DPM concentration at each receptor as calculated by the air dispersion model:

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

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 ($\text{mg}/\text{kg-day}$)⁻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

⁹ California Office of Environmental Health Hazards Assessment. (2015). *Risk Assessment Guidelines, Guidance Manual for Preparation of Health Risk Assessments*. Page 8-6.

For the purpose of this HRA, the operational 30-year exposure duration for sensitive/residential receptors, consistent with the OEHHA/SCAQMD guidance, was assumed to span the time period of the third trimester pre-birth in 2026 (the Project's opening year) to the year 2056. The OEHHA recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans. Estimates of cancer risk were also provided for informational purposes for child exposure (third trimester pre-birth to 9 years), and an adult exposure (30 years).

While the operation of the Project uses the OEHHA recommended 30-year exposure, the Project's construction duration is expected to only span 1.24 years; thus, the construction health risk impact is only calculated across the 1.24 years of construction, from the third trimester pre-birth in 2025 to the year of construction completion in the fourth quarter of 2026. The combined construction and operational cancer risk impact is calculated by evaluating the construction DPM emission rate for 1.24 years, with the operational DPM emission rate utilized to quantify the remaining 30 years (sensitive receptors) or 25 years (worker receptors) for a combined health risk.

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 both construction and operation 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 Ratea (DBR) (l/kg-day)
	Construction		Operation		Construction	Operation			
	Hours/Day	Days/Year	Hours/Day	Days/Year					
Sensitive/Residential Receptor – Pre-birth to Adult (30-year duration)									
3 rd Trimester to Birth	8	250	24	350	0.25	0.25	10	1	361
0 to 2 years	8	250	24	350	0.99	2	10	1	1,090
2 to 16 years	8	250	24	350		14	3	1	745
16 to 30 years	8	250	24	350		14	1	0.73	335
Sensitive Receptor/Residential Child (9-year duration)									
3 rd Trimester to Birth	8	250	24	350	0.25	0.25	10	1	361
0 to 2 years	8	250	24	350	0.99	2	10	1	1,090
2 to 9 years	8	250	24	350		7	3	1	861
Sensitive Receptor/Residential Receptor – Adult (30-year duration)									
17 years and older	8	250	24	350	1.24	30	1	0.73	335
Worker Receptor (25-years duration)									
17 years and older	8	250	8	350	1.24	25	1		230

^a Daily breathing rates are representative of the 95th percentile for sensitive/residential receptors.

(l/kg-day) = liters per kilogram body weight per day

Source: SCAQMD Rule 1401

Chronic Non-Cancer Hazard

TACs can also cause chronic (long-term) effects on non-cancer illnesses such as reproductive effects, birth defects, or adverse environmental effects. Non-cancer health risks are conveyed in terms of the Hazard Index (HI). 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 and vendor trucks). This analysis conservatively assumes that all haul and vendor trucks would use diesel fuel. The travel links used to estimate the construction DPM emissions were:

- 100% of trucks would enter and exit the site through the northwestern driveway of W. 205th Street, traveling south on Beech Avenue, west on W. 208th Street, and north on Crenshaw Boulevard until the State Route (SR) -213 and Interstate (I)-405 Junction;
- 50% of trucks from the SR-213 and I-405 Junction would travel eastbound by entering the I-405 eastbound ramp by utilizing W. 190th Street;
- The remaining 50% of trucks from the SR-213 and I-405 Junction would continue to travel north, until utilizing the westbound ramp to enter onto I-405.

These travel link assumptions can be found in Appendices C.1 and C.2.

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: 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 average DPM emissions of the Project's construction. Figure 3 provides the locations of the on-site and off-site construction DPM emission sources.

Table 2: Construction Schedule

Activity	Start Date	End Date	Total Days
Demolition	9/1/2025	10/17/2025	35
Site Preparation	10/20/2025	10/31/2025	10
Grading	11/3/2025	11/28/2025	20
Building Construction	12/1/2025	10/16/2026	230
Paving	10/19/2026	11/13/2026	20
Architectural Coating	11/16/2026	12/11/2026	20

Source: CalEEMod Output in Appendix A.1

Table 3: Proposed Project Construction Equipment Inventory

Activity	Equipment	Number per day	Hours per day	Horse-power	Load Factor
Demolition	Concrete/Industrial Saws	1	8	33	0.73
	Excavators	3	8	36	0.38
	Tractors/Loaders/Backhoes	2	8	367	0.4
Site Preparation	Rubber Tired Dozers	3	8	367	0.4
	Crawler Tractors	4	8	84	0.37
Grading	Excavators	1	8	148	0.41
	Graders	1	8	148	0.41
	Rubber Tired Dozers	1	8	367	0.4
	Crawler Tractors	3	8	87	0.43
	Tractors/Loaders/Backhoes	0	8	84	0.37
Building Construction	Cranes	1	8	367	0.29
	Forklifts	3	8	82	0.2
	Generator Sets	1	8	14	0.74
	Tractors/Loaders/Backhoes	3	8	84	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	81	0.42
	Paving Equipment	2	8	89	0.36
	Rollers	2	8	36	0.38
Architectural Coating	Air Compressors	1	8	37	0.48

Source: CalEEMod Output in Appendix A.1

Table 4: Proposed Construction Vehicle Use

Activity	Daily Worker Trips ¹	Daily Vendor Trips	Total Haul Trips
Demolition	15	0	144
Site Preparation	18	0	0
Grading	15	0	0
Building Construction	61	24	0
Paving	15	0	0
Architectural Coating	12	0	0

Source: CalEEMod Output in Appendix A.1

¹Worker trips are assumed to use gasoline powered vehicles, and would not result in significant DPM emissions

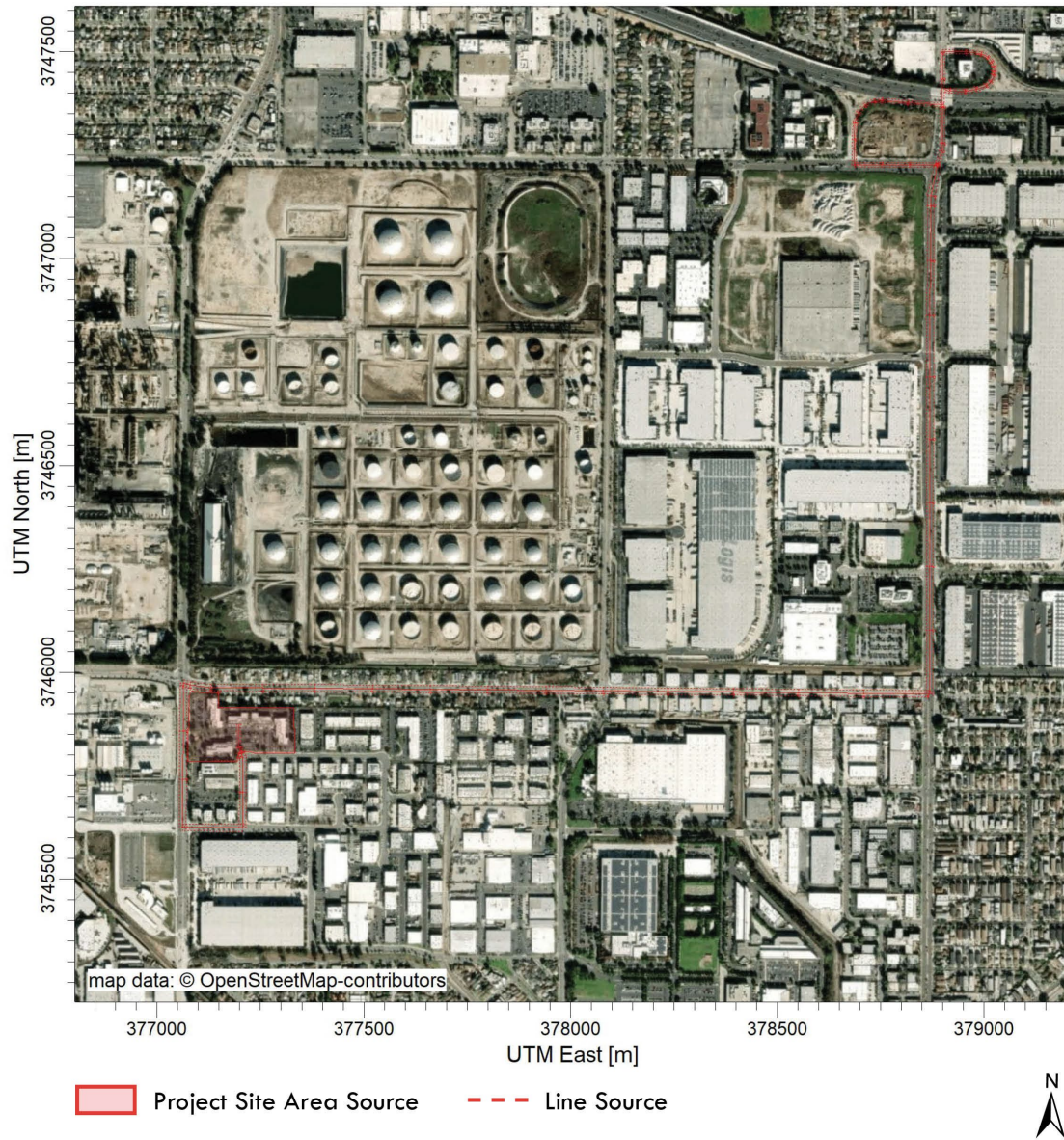
Table 5: Project On-site and Off-Site Construction Source DPM Daily Emissions

Activity	Work Days	On-Site	Off-Site	Total
		Maximum Daily DPM Emissions ⁽¹⁾ (pounds/day)	Maximum Daily DPM Emissions ⁽¹⁾ (pounds/day)	Average Daily Construction Emissions (pounds/day)
2025				
Demolition	35	0.12	0.13	
Site Preparation	10	1.93	<0.01	
Grading	20	1.15	<0.01	
Building Construction	20	0.47	<0.01	
Maximum Daily Construction Emissions 2025		1.93	0.13	2.06
2026				
Building Construction	20	0.41	<0.01	
Paving	210	0.32	<0.01	
Architectural Coating	20	0.03	<0.01	
Maximum Daily Construction Emissions 2026		0.41	<0.01	0.42
2025-2026 Maximum Daily Construction Emissions (pounds/day)				2.06

Source: Data Attachment in Appendix C.1

Figure 3: Locations of the Project's Construction On-Site and Off-Site DPM Emission Sources

Construction DPM



2421 W. 205th Street
City of Torrance

Operational DPM Emissions

An emissions inventory is also identified and quantified for the Project's operational DPM air emissions sources. The predominant sources of DPM emissions resulting from the operation of the Project would be derived from the heavy-duty diesel trucks that would travel to and from and within the Project site each day. Additional DPM emissions would result from the operation of the stationary emergency generator set as well as the diesel fire pump. Details of these emission sources can be found in Table 11, *Summary of Construction and Operational Emissions Source Configuration*.

Estimation of Mobile Source Emissions

Estimates of mobile source emissions are based on an emission factor and an activity level. An emission factor quantifies the amount of air emission for a specific activity, such as a gram of DPM (as PM₁₀ exhaust) emitted per vehicle mile traveled or per hour of idling, while the activity level is defined as the vehicle trip, number of miles traveled, or the amount of time a vehicle spends idling.

Emissions from motor vehicles can be characterized as follows:

Combustion emissions (grams/mile or grams/hour for idling) resulting from the combustion of diesel fuel from heavy-duty trucks are the primary source of DPM emissions. The CARB EMFAC2021 mobile source emission model provides emission rates for user-defined heavy-duty truck speeds, fuel type, vehicle class, and model year.

The emissions of DPM from mobile sources are calculated as follows for running exhaust emissions and idling emissions:

$$\text{Running Exhaust Emissions}_{\text{RE}} = \sum_{i=1}^n (\text{VMT}_i \times \text{EF}_i)$$
$$\text{Idling Emissions}_{\text{ID}} = \sum_{i=1}^n (\text{IdNum}_i \times T_i \times \text{EF}_i)$$

Where:

Emissions_{RE} = Running exhaust emissions summed over all vehicle classes

Emissions_{ID} = Idling emissions summed over all vehicle classes

EF_i = Running exhaust emission factor for each vehicle type at a specific vehicle speed (g/mi)

EF_{idling} = Idling emission factor for each vehicle class (g/idle-hour)

VMT_i = Total number of vehicle miles summed over all vehicle classes (miles per day)

IdNum_i = Number of idling vehicles by vehicle class

T_i = Idling hours summed over all vehicle classes (hours per day)

n = Number of vehicle classes

i = Vehicle class

2.4 Mobile Source Activity Levels

The motor vehicle activity levels were estimated using the vehicle trip information provided in the *Vehicle Miles Traveled (VMT) Screening Analysis* prepared for the Project.¹⁰ Table 6, *Project Daily Operational Vehicle Trips*, summarizes the daily motor vehicle trips from the Project based on information derived from the Project Trip Generation Report. The trip rate estimate shown at the top of Table 6 refers to both gasoline and diesel-fueled vehicles. Table 7, *Diesel Heavy-Duty Truck Vehicle Fleet*, presents the diesel vehicle percentages provided in the EMFAC2021 emission model and Table 8, *Number of Daily Project Diesel Truck Vehicle Trips*, presents the number of heavy-duty diesel trips for the Project operation based on the total number of vehicle trips. Calculation details can be found in the data attachment in Appendix C.2.

Table 6: Project Daily Operational Vehicle Trips

Land Use: Area	Percentage of Trips (%)	Trip Rate (trips/TSF)
Land Use 1: Warehousing (100,753 SF)	46	1.71
Land Use 2: Manufacturing (43,180 SF)	54	4.75
Land Use 1: Warehousing (100,753 SF)		
Fleet Mix	Percentage of Fleet (%)	Vehicle Trips per Day
Passenger Cars (LDA, LDT1, LDT2, MDV)	64.90	112
2-axle Trucks (LHDT1, LHDT2)	5.86	10
3-axle Trucks (MHDT)	7.27	13
4-axle Trucks (HHDT)	21.94	38
Land Use 1 Total	100	172
Land Use 2: Manufacturing (43,180 SF)		
Fleet Mix	Percentage of Fleet (%)	Vehicle Trips per Day
Passenger Cars (LDA, LDT1, LDT2, MDV)	90.50	186
2-axle Trucks (LHDT1, LHDT2)	1.59	3
3-axle Trucks (MHDT)	1.97	4
4-axle Trucks (HHDT)	5.9	12
Land Use 1 Total	100	205

LDA: light duty automobile
LDT1/LDT2: light duty trucks
MDV: medium duty vehicle
LHDT1/LHDT2: light heavy-duty trucks;
MHDT: medium heavy-duty trucks
HHDT: heavy heavy-duty trucks
Source: Data Attachment in Appendix C.2

¹⁰ EPD Solutions, Inc. (2024). 2421 W. 205th Street Torrance VMT Screening Analysis.

Table 7: Diesel Heavy-Duty Truck Vehicle Fleet

Type of Vehicle	Diesel Fuel Vehicles (% of Vehicle Trips)
Light heavy-duty truck (LHDT1)	27.14
Light heavy-duty truck (LHDT2)	54.70
Medium heavy-duty truck (MHDT)	100*
Heavy heavy-duty truck (HHDT)	100*

* Trip percentages for MHDT and HHDT were assumed to be 100% diesel fleets to provide a conservative analysis of the DPM impacts.

Source: Data Attachment in Appendix C.2

Table 8: Number of Daily Project Diesel Truck Vehicle Trips

Type of Vehicle	Daily Diesel Vehicle Trips
Light heavy-duty truck (LHDT1)	3
Light heavy-duty truck (LHDT2)	1
Medium heavy-duty truck (MHDT)	17
Heavy heavy-duty truck (HHDT)	50
Total	71

Source: Data Attachment in Appendix C.2

DPM Truck Emission Factors

The DPM (as PM₁₀ exhaust) emission factors were derived from the CARB EMFAC2021 model, within Los Angeles County, for the Project's opening year of 2026. The model retrieved mobile source emissions in terms of grams per mile (grams/vehicle miles traveled [VMT]) for the running exhaust emissions and grams per idle-hour (g/idle-hr) for idling emissions. The emission factors used in this analysis overstate the potential impacts of the proposed Project, as heavy-duty truck emissions are expected to decrease in future years due to the requirement to comply with existing and future emission regulations requiring vehicle fleet replacement with cleaner technologies.

The emissions derived assume every truck accessing the Project side would idle for 15 minutes at the loading docks as a reasonable yet conservative overestimation of the time to unload/load product. The CARB's anti-idling requirements impose a 5-minute maximum idling time on trucks over 10,000 pounds, and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3. DPM emissions for idling trucks were derived from the CARB EMFAC 202 emissions model for the Los Angeles County sub-area in 2026.¹¹ The data attachment in Appendix C.2 presents the data and assumptions for estimating the truck emissions. Table 9 presents the DPM (as PM₁₀ exhaust) emission factors that were applied in this HRA.

¹¹ California Air Resources Board. (2021). *Measures for Reducing Emissions from On-Road Heavy Duty Vehicles*. <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/heavy-duty-trucks-presentations-06-03-21.pdf>

Table 9: DPM Diesel Truck Emission Factors

Type of Vehicle	Idling Emission Factor (g/idle-hr)	Running Exhaust @ 5 mph (g/mi)	Running Exhaust @ 25 mph (g/idle-hr)
Light heavy-duty truck (LHDT1)	0.8011	<0.001	0.0041
Light heavy-duty truck (LHDT2)	0.8127	<0.001	0.0019
Medium heavy-duty truck (MHDT)	0.0520	<0.001	0.0019
Heavy heavy-duty truck (HHDT)	0.0146	<0.001	0.0015

Notes: g/idle-hr = grams per idle-hour, g/mi = grams per mile, mph = miles per hour

Source: See Data Attachment in Appendix C.2

The Project's operational heavy-duty diesel truck emissions were estimated for vehicle travel while on the Project site and off-site, as the Project's vehicles travel on the local roadway network. All vehicles were assumed to travel at 5 miles per hour (mph) while traveling on-site through the westernmost W. 205th Street driveway and along the drive aisle to either Project building's dock doors. Once exited from the site, all off-site travel links analyzed vehicles as traveling at 25 mph. Figure 4, *Locations of the Project's Operational On-Site and Off-Site DPM Emission Sources*, provides the locations of the operational on-site and off-site DPM emission sources.

Figure 4: Locations of the Project's Operational On-Site and Off-Site DPM Emission Sources



2421 W. 205th Street
City of Torrance

2.5 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 10 and 11 provide the general assumptions applied in the AERMOD model (Version 23132). The AERMOD output sheets can be found in Appendix B.1, B.2, and B.3 for construction, operation, and cumulative operation, respectively.

Table 10: 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_n35w119.tif.
Land Use	Urban – based on land use patterns surrounding the Project site.
Meteorological Data	The Hawthorne Municipal Airport SCAQMD 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 and the nearby hospital. Receptors were placed at ground level.
Population	LA County: ~9,700,000
Building Profile Heights	Surrounding building height dimensions were input to analyze the sidewash effect from building downwash due to meteorological factors. (Operational models only)

Source: Data Attachment in Appendix B.1-B.3

Table 11: Summary of Construction and Operational 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 8.21 total acres, or 33,184 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.
On-Site Diesel Vehicle Traffic	Line Area Sources	- Line source height of 3.11 meters (10.2 feet) and plume height of 6.2 meters (20.4 feet) (from EPA Haul Roads Calculator); - Construction assumed on-site access:

Emission Source Type	Geometric Configuration	Relevant Assumptions
		○ 100% of on-site truck trips utilized the Edwards W. 205th Street driveway to/from the Project site's dock doors, north of the driveway • Operational assumed on-site access: ○ 100% of on-site truck trips utilized a driveway link on the Southern boundary of the Project site to/from W. 205th Street. ○ 50% of on-site truck trips utilized the west link to Building 1's dock doors. ○ 50% of off-site truck trips utilized the east link to Building 2's dock doors. • Assumed two lanes on-site, in and out, as number of truck trips. • Vehicle types: see Table 7, <i>Diesel Heavy-Duty Truck Vehicle Fleet</i>, and Table 8, <i>Number of Daily Project Diesel Truck Vehicle Trips</i>. • Construction: Assumed 8 hours per day, 5 days a week. • Operational: Assumed 24 hours, 7 days a week for conservative analysis.
Off-Site Construction and Operational Vehicle Traffic	Line Area Source	• Line source release height of 3.11 meters (10.2 feet) with a plume height of 6.2 meters (20.4 feet) (from EPA Haul Roads Calculator). • Identical off-site travel routes were used for the calculation of construction and operational DPM emissions. • The assumed off-site routes used are as follows: ○ Off-Site 1: Entering/exiting driveway on W. 205th Street to/from Beech Avenue to/from W. 208th Street to/from Crenshaw Boulevard to/from Del Amo Boulevard to/from SR-213 to/from 405 Junction: 100%. ○ Off-Site 2: SR-213 and 405 Junction to/from 405 East: 50%. ○ Off-Site 3: SR-213 and 405 Junction to/from 405 West: 50%. • Emission factor: CARB EMFAC 2021; DPM (as PM10 exhaust) emission factors at 25 mph for 2026 for Los Angeles (SC) Sub-Area-; no credit for future emission factor reductions. • Construction operation: Assumed 8 hours per day, 5 days a week. • Operational: Assumed 24 hours, 7 days a week for conservative analysis.
On-Site Diesel Truck Idling	Point Sources distributed along proposed loading docks	• Stack release height: 3.66 meters (12 feet). • Idle time: Assumed 15 minutes per truck per day. • Assumed a maximum of 8 trucks idling at any given moment during operation. • Vehicle type: heavy-duty diesel haul trucks. • Emission factor: CARB EMFAC 2021 for Los Angeles County South Coast Air Basin sub-area.

Emission Source Type	Geometric Configuration	Relevant Assumptions
		Operation: Assumed 24 hours, 7 days a week for conservative analysis.
On-Site Fire Pump	Point Source	- Release height: 2.256 meters (7.4 feet). 238 hp, 0.15 grams/hp-hour emission rate. - Limited to 50 hours per year for maintenance and testing.
Building Downwash	Polygon Building	- Buildings analyzed in a ~0.47 km (0.29miles) surrounding perimeter, including office and industrial buildings located along W. 205th Street, Beech Avenue, Amapola Avenue, W. 208th Street, and Crenshaw Boulevard, and Del Amo Boulevard. - Project Buildings 1 and 2's heights both modeled as 12.8 meters (42 feet).

Source: Data Attachment in Appendix B.1-B.3.

2.6 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 and operation, 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 and operation of the Project, and thus yield the highest cancer risk values. The sensitive receptors closest to the Project site includes residential homes about 7.4 meters (24 feet) north of the Project site's southern boundary, while the nearest worker receptor was located at a general light industrial warehouse 6.4 meters (21 feet) to the north of the Project site's boundary line. Figure 5 shows the receptor locations included in the HRA.

Figure 5: Locations of Air Dispersion Model Receptors

Receptor Locations



2421 W. 205th Street
City of Torrance

3 RESULTS OF THE HEALTH RISK ASSESSMENT

3.1 Project-Level Risk Results

Tables 12, 13, and 14 present a summary of the cancer risks resulting from the Project's construction, operation, and combined DPM emissions, respectively, along with the SCAQMD health risk significance thresholds. As shown in Tables 12 and 13, the estimated maximum cancer risks for construction and operation are 12.55 and 0.76 in one million, respectively, for sensitive/residential receptors. The estimated maximum cancer risks for worker receptors during construction and operation are 0.28 and 0.11 in one million, respectively. In addition, the Project's maximum estimated construction and operational results for non-cancer health risk are 0.02 and 0.02 (for the maximum impacted sensitive receptor), respectively, both below the significance threshold of 1.0.

Table 14 presents the combined construction and operational cancer risk for the Project. The Project would result in a maximum cancer risk impact of 13.37 in one million at the nearest sensitive/residential receptor and a maximum cancer risk impact of 0.69 in one million for the nearest worker receptor. While the operational maximum cancer risk would not exceed SCAQMD's cancer health risk significance threshold of 10 in one million, as seen in Table 12 and Table 14, the Project's construction, as well as the combined construction and operational cancer health risks would exceed the SCAQMD threshold and result in a significant impact without mitigation. Section 3.3 further discusses the mitigation measures required to reduce the impacts to sensitive receptors during construction.

Table 12: 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)	12.55	10	Yes
Maximum Impacted Sensitive Receptor – Child	12.55	10	Yes
Maximum Impacted Sensitive Receptor – Adult	0.33	10	No
Maximum Impacted Worker Receptor	0.28	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)	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Adult	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.02	1.0	No

Source: Data Attachment in Appendix D.1

Table 13: Summary of Proposed Project Operational 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)	0.76	10	No
Maximum Impacted Sensitive Receptor – Child	0.53	10	No
Maximum Impacted Sensitive Receptor – Adult	0.12	10	No
Maximum Impacted Worker Receptor	0.11	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)	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Child	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Adult	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.02	1.0	No

Source: Data Attachment in Appendix D.2

Table 14: Summary of Combined Project Construction and Operational 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)	13.37	10	Yes
Maximum Impacted Worker Receptor (25 years)	0.69	10	No

Source: See Data Attachment in Appendix D.3

3.2 Cumulative Analysis

As discussed in Section 2.1, *SCAQMD Significance Thresholds*, the SCAQMD has applied a 1,000-foot distance from a proposed project to identify other development projects that could contribute to cumulative impacts with the proposed project. The search radius for this Project was extended to 0.25 miles (1,320 feet) to identify potential cumulative sources. Within the surrounding region of approximately 0.25 miles around the Project, there is one concurrent industrial development project directly abutting the Project's eastern boundary, located at 2281 205th Street in Torrance. The project includes a single 132,425 SF general light industrial building with 20% allotment to cold storage (26,458 SF). At the time of this analysis, the project has not been approved, but in the environmental reviewing process and has not yet begun construction. The

205th Torrance Trip Generation and Vehicle Miles Traveled (VMT) Memo¹² was used to calculate the amount of truck trips traveling to and from the site, and to estimate the idling emissions occurring at the project's respective dock doors on the north face of the proposed buildings.¹³ The model run was done by appending the cumulative project in to the 2421 W. 205th Street Torrance (Project) operational AERMOD model, including all respective truck idling emissions and all on-site and off-site truck route sources obtained from both projects' traffic analyses to analyze the cumulative impact. The calculations for the cumulative project operational DPM emissions can be found in Appendix C.3.

Table 15, *Summary of Cumulative Projects' Operational Emission Source Configuration* provide the general assumptions applied in the cumulative operational AERMOD model (Version 23132), the AERMOD output sheets can be found in Appendix B.3. Figure 6, *Locations of the Cumulative Projects' On-Site and Off-Site DPM Emission Sources*, provides the locations of the operational on-site and off-site DPM emission sources. Figure 7, *Locations of the Project's Cumulative Operational Air Dispersion Model Receptors*, provides the cumulative operational sensitive and worker receptor locations.

Table 16, *Summary of Cumulative Projects' Operational Health Risk*, and Table 17, *Summary of Combined Project Construction and Cumulative Operational Health Risk*, show the cumulative operational health risk and combined construction and cumulative operational health risk, respectively. As shown in Table 16, the Project has a maximum cumulative operational cancer risk impact of 6.24 in one million, below the threshold of 10 in one million, and a non-cancer risk maximum HI of 0.17, also below the threshold of 1.0. However, Table 17 shows that the combination of Project construction and cumulative operational cancer risk impact is 19.27 in one million, which would exceed the threshold of 10 in one million threshold. The Project would result in a significant cumulative impact without mitigation.

¹² EPD Solutions, Inc. (2023). Trip Generation and VMT Screening Analysis.

Table 15: Summary of Cumulative Projects' Operational Emission Source Configuration

Emission Source Type	Geometric Configuration	Relevant Assumptions
On-Site Diesel Vehicle Traffic	Line Area Sources	- Line source: height: 3.11 meters (10.2 feet) and plume height 6.2 meters (20.4 feet) (EPA Haul Roads Calculator); - Operational on-site access: - On-Site 1: West W. 205th Street driveway to/from East W. 205th Street driveway: 100%. - Vehicle types: LHDT1, LHDT2, MMHDT, HHDT. - Assumed two lanes, in and out of driveways on-site as number of truck trips. - Emission factor: CARB EMFAC 2021; DPM (as PM10 exhaust) emission factors at 5 mph for 2026 for the Los Angeles County – South Coast Air Basin; no credit for future emission factor reductions. - Operational: Assumed 24 hours, 7 days a week, for conservative analysis.
Off-site Operational Vehicle Traffic	Line Area Source	- Line Source release height: 3.66 meters (12.0 feet) with a plume height of 6.2 meters (20.4 feet) (EPA Haul Roads Calculator). - Identical off-site travel routes were used for the calculation of construction and operational DPM emissions. - The assumed off-site Routes used are as follows: - Off-Site 1: East driveway to/from Amapola Avenue to/from W. 208th Street junction: 50% - Off-Site 2: West driveway to/from W. 205th Street to/from Beech Avenue to/from W. 208th Street junction: 50% - Off-Site 3: W. 208th Street junction to/from Crenshaw Boulevard: 100%. - Emission factor: CARB EMFAC 2021; DPM (as PM10 exhaust) emission factors at 25 mph for 2026 for Los Angeles County- South Coast Air Basin; no credit for future emission factor reductions. - Operational: Assumed 24 hours, 7 days a week for conservative analysis.
On-Site Diesel Truck Idling	Point Sources distributed along proposed loading docks	- Stack release height: 3.66 meters (12 feet). - Idle time: Assumed 15 minutes per truck per day. 20% of trucks assumed to be transportation refrigeration units (TRU). - Assumed a maximum of 10 trucks idling at any given moment during operation. - Emission factor: CARB EMFAC2021 for Los Angeles County South Coast Air Basin sub-area. - Operation: Assumed 24 hours, 7 days a week for conservative analysis.

Source: See Data Attachment in Appendix B.3

Figure 6: Locations of the Cumulative Project's Operational On-Site and Off-Site DPM Emission Sources



2421 W. 205th Street
City of Torrance

Figure 7: Locations of the Project's Cumulative Operational Air Dispersion Model Receptors

Cumulative Receptor Locations



2421 W. 205th Street
City of Torrance

Table 16: Summary of Cumulative Projects' Operational Health Risk¹

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	6.24	10	No
Maximum Impacted Sensitive Receptor – Child	4.35	10	No
Maximum Impacted Sensitive Receptor – Adult	0.96	10	No
Maximum Impacted Worker Receptor	0.85	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)	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Child	<0.01	1.0	No
Maximum Impacted Sensitive Receptor – Adult	<0.01	1.0	No
Maximum Impacted Worker Receptor	0.17	1.0	No

¹ Cumulative Project Operational Health Risk table is a summary of the total Project health risk and cumulative project health risk combined.

Source: Data Attachment in Appendix D.5

Table 17: Summary of Combined Project Construction and Cumulative Operational 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)	19.27	10	Yes
Maximum Impacted Worker Receptor	1.17	10	No

Source: Data Attachment in Appendix D.6

3.3 Project Mitigation

The following Mitigation Measure (MM) is applied from the Southern California Association of Government's Addendum to the Program Environmental Impact Report for the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS):

MM AQ-1: Projects are required to utilize Tier 4 Final or superior equipment for engines exceeding 50 horsepower (hp) or utilize equipment to achieve the same reduction of diesel particulate matter emissions.¹⁴ If construction equipment cannot meet Tier 4 Final engine certification standards, the Project representative or contractor must provide a future study with written findings, backed by substantial evidence, for approval by SCAG before resorting to alternative technologies or strategies. Potential alternative strategies may encompass the use of Tier 4 Interim equipment, reducing the number and/or horsepower rating of construction equipment, utilizing filters on lesser Tier equipment, or limiting simultaneous equipment operation. All equipment must undergo tuning and adhere to the manufacturer's recommended maintenance schedule and specifications. Maintenance records for each piece of equipment, along with those of their contractors, must be available for inspection and kept on-site for a minimum of two years following construction completion. An exception to this requirement may be considered if a project can demonstrate that Tier 4 engines are unnecessary to reduce emissions below significance thresholds.

The updated cancer risk for the combined construction, combined construction and operation, and combined cumulative operational impacts, with the implementation of Tier 4 Final mitigation measures was calculated and is shown in Table 18. Since the cancer risk and non-cancer HI for the unmitigated operational results are below the SCAQMD significance threshold, these calculations were intentionally omitted as they are compliant without mitigation.

As first noted in Table 12, the proposed Project's unmitigated construction maximum lifetime cancer risk was 12.55 in one million. After mitigation, the construction maximum lifetime cancer risk was reduced to 2.94 in one million, which is below the utilized SCAQMD thresholds for the proposed Project. The combined construction and operational cancer risk impact would be reduced from 13.37 in one million, to 3.76 in one million. Additionally, the combined construction and cumulative operational cancer risk impact, with mitigation implemented, would be reduced from 19.27 in one million, to 9.65 in one million. Thus, the impact would be less than significant with the implementation of MM AQ-1. As the Project's chronic non-cancer risk results, as well as the cancer risk for the Project's construction and operation individually, were below the significance threshold, the calculations have been omitted from Table 18 through 20; however, with the implementation of MM AQ-1, the HI and cancer risks would decrease and continue to have a less-than-significant impact. The Project's DPM emissions calculations during construction with Tier 4 Final mitigation implemented can be found in Appendix A.2.

¹⁴ South Coast Association of Governments (SCAG). (2020). *Connect SoCal PEIR Addendum*. https://scag.ca.gov/sites/main/files/file-attachments/fpeir_connectsocial_addendum_4_mitigationmeasures.pdf?1606004420

Table 18: Summary of Mitigated Project Construction

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	2.94	10	No

Note: Modeling and calculations of Table 18 utilizes mitigation measures, which requires and makes use of AQ-1 Tier 4 equipment for engines 50 horsepower and higher.
Source: Data Attachment in Appendix D.2.

Table 19: Summary of Combined Mitigated Project Construction and Operational 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)	3.76	10	No

Note: Modeling and calculations of Table 19 utilizes mitigation measures, which requires and makes use of AQ-1 Tier 4 equipment for engines 50 horsepower and higher.
Source: Data Attachment in Appendix D.4

Table 20: Summary of Combined Mitigated Project Construction and Cumulative Operational 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)	9.65	10	No

Note: Modeling and calculations of Table 20 utilizes mitigation measures, which requires and makes use of AQ-1 Tier 4 equipment for engines 50 horsepower and higher.
Source: Data Attachment in Appendix D.6

4 CONCLUSION

The Project's maximum construction, operational, combined, and cumulative health risk impacts are summarized as follows:

Maximum Project Construction Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 12.55 in one million
- Worker receptor: 0.28 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.02

Maximum Project Operational Health Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 0.76 in one million
- Worker receptor: 0.11 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.02

Combined Project Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 13.37 in one million
- Worker receptor: 0.69 in one million

Project Cumulative Operational Health Risk Impacts:

- Sensitive/Residential receptor for the 30-year lifetime exposure duration: 6.24 in one million
- Worker Receptor: 0.85 in one million
- Sensitive receptor chronic non-cancer HI: <0.01
- Worker receptor chronic non-cancer HI: 0.17

Combined Cumulative Project Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 19.27 in one million
- Worker Receptor: 1.17 in one million

The Project individual operational, and the cumulative operational health risk results would not exceed the SCAQMD significance threshold of 10 in one million, nor would it exceed the HI threshold of 1.0. However, the individual construction, combined construction and operation, as well as the cumulative combined construction and operational cancer risks impacts would exceed the 10 in one million significance threshold. To mitigate the significant construction and operational health risk impact, MM AQ-1 is implemented, requiring utilization of Tier 4 Final or superior equipment. Below are the combined construction and operational health risk impacts with the above mitigation implemented:

Maximum Project Mitigated Construction Health Risk Impacts:

- Sensitive/residential receptor for the lifetime exposure duration: 2.94 in one million

Combined Project Mitigated Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 3.76 in one million

Combined Cumulative Mitigated Project Construction and Operational Cancer Risk Impacts:

- Sensitive/residential receptor for the 30-year lifetime exposure duration: 9.65 in one million

Therefore, the construction, combined construction and operation, and the cumulative cancer risk impacts of the proposed Project would be less-than-significant for cancer and non-cancer health risk, with the implementation of MM-AQ1: Tier 4 Final Construction Equipment.

*APPENDIX A.1 – CALEEMOD OUTPUT FOR PROJECT CONSTRUCTION AND
OPERATION*

24-007 W 205 Torrance 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 (2025) - Unmitigated
 - 3.3. Site Preparation (2025) - Unmitigated
 - 3.5. Grading (2025) - Unmitigated
 - 3.7. Building Construction (2025) - Unmitigated
 - 3.9. Building Construction (2026) - Unmitigated

3.11. Paving (2026) - Unmitigated

3.13. Architectural Coating (2026) - 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	24-007 W 205 Torrance
Construction Start Date	9/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	17.4
Location	33.84605242481844, -118.32747505248464
County	Los Angeles-South Coast
City	Torrance
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4669
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

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
Unrefrigerated Warehouse-No Rail	101	1000sqft	2.31	100,753	61,500	—	—	—

Manufacturing	43.2	1000sqft	0.99	43,180	0.00	—	—	—
Parking Lot	251	Space	2.26	0.00	0.00	—	—	—
Other Asphalt Surfaces	2.65	Acre	2.65	0.00	0.00	—	—	—
User Defined Industrial	144	User Defined Unit	0.00	0.00	0.00	—	—	—

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	1.38	16.3	17.2	0.42	11.0	11.3	2.25	11,304
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	69.9	37.5	33.2	1.93	11.0	11.3	4.50	11,278
Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	4.69	7.01	10.3	0.26	1.39	1.56	0.49	2,243
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.86	1.28	1.88	0.05	0.25	0.28	0.09	371
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	75.0	55.0	100	—	—	150	55.0	—
Unmit.	No	No	No	—	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—

Threshold	75.0	55.0	100	—	—	150	55.0	—
Unmit.	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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—
2025	0.69	16.3	10.4	0.25	11.0	11.3	2.25	11,304
2026	1.38	11.5	17.2	0.42	0.69	1.11	0.55	3,801
Daily - Winter (Max)	—	—	—	—	—	—	—	—
2025	4.12	37.5	33.2	1.93	11.0	11.3	4.50	11,278
2026	69.9	11.6	16.9	0.42	0.69	1.11	0.55	3,769
Average Daily	—	—	—	—	—	—	—	—
2025	0.40	4.53	4.06	0.17	1.39	1.56	0.49	1,650
2026	4.69	7.01	10.3	0.26	0.40	0.66	0.33	2,243
Annual	—	—	—	—	—	—	—	—
2025	0.07	0.83	0.74	0.03	0.25	0.28	0.09	273
2026	0.86	1.28	1.88	0.05	0.07	0.12	0.06	371

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unmit.	5.67	8.61	19.4	0.19	4.12	4.31	1.26	12,226
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unmit.	4.63	8.90	12.3	0.18	4.12	4.30	1.25	12,080

Average Daily (Max)	—	—	—	—	—	—	—	—
Unmit.	5.33	9.04	16.8	0.19	4.08	4.26	1.25	12,134
Annual (Max)	—	—	—	—	—	—	—	—
Unmit.	0.97	1.65	3.07	0.03	0.74	0.78	0.23	2,009
Exceeds (Daily Max)	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	—	—	150	55.0	—
Unmit.	No	No	No	—	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—
Threshold	55.0	55.0	550	—	—	150	55.0	—
Unmit.	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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Mobile	1.11	7.54	12.2	0.10	4.12	4.22	1.17	9,270
Area	4.51	0.05	6.26	0.01	—	0.01	0.01	25.8
Energy	0.06	1.02	0.86	0.08	—	0.08	0.08	2,145
Water	—	—	—	—	—	—	—	494
Waste	—	—	—	—	—	—	—	280
Refrig.	—	—	—	—	—	—	—	11.2
Total	5.67	8.61	19.4	0.19	4.12	4.31	1.26	12,226

Daily, Winter (Max)	—	—	—	—	—	—	—	—
Mobile	1.10	7.88	11.5	0.10	4.12	4.22	1.17	9,150
Area	3.48	—	—	—	—	—	—	—
Energy	0.06	1.02	0.86	0.08	—	0.08	0.08	2,145
Water	—	—	—	—	—	—	—	494
Waste	—	—	—	—	—	—	—	280
Refrig.	—	—	—	—	—	—	—	11.2
Total	4.63	8.90	12.3	0.18	4.12	4.30	1.25	12,080
Average Daily	—	—	—	—	—	—	—	—
Mobile	1.09	7.99	11.7	0.10	4.08	4.18	1.16	9,186
Area	4.18	0.04	4.29	0.01	—	0.01	0.01	17.7
Energy	0.06	1.02	0.86	0.08	—	0.08	0.08	2,145
Water	—	—	—	—	—	—	—	494
Waste	—	—	—	—	—	—	—	280
Refrig.	—	—	—	—	—	—	—	11.2
Total	5.33	9.04	16.8	0.19	4.08	4.26	1.25	12,134
Annual	—	—	—	—	—	—	—	—
Mobile	0.20	1.46	2.13	0.02	0.74	0.76	0.21	1,521
Area	0.76	0.01	0.78	< 0.005	—	< 0.005	< 0.005	2.93
Energy	0.01	0.19	0.16	0.01	—	0.01	0.01	355
Water	—	—	—	—	—	—	—	81.8
Waste	—	—	—	—	—	—	—	46.3
Refrig.	—	—	—	—	—	—	—	1.86
Total	0.97	1.65	3.07	0.03	0.74	0.78	0.23	2,009

3. Construction Emissions Details

3.1. Demolition (2025) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.48	4.04	4.90	0.12	—	0.12	0.11	672
Demolition	—	—	—	—	8.22	8.22	1.25	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.48	4.04	4.90	0.12	—	0.12	0.11	672
Demolition	—	—	—	—	8.22	8.22	1.25	—
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	0.39	0.47	0.01	—	0.01	0.01	64.4
Demolition	—	—	—	—	0.79	0.79	0.12	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.09	< 0.005	—	< 0.005	< 0.005	10.7
Demolition	—	—	—	—	0.14	0.14	0.02	—
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	0.75	0.00	0.13	0.13	0.03	145
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.16	12.2	4.76	0.13	2.67	2.80	0.86	10,481
Daily, Winter (Max)	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.65	0.00	0.13	0.13	0.03	137
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.15	12.7	4.81	0.13	2.67	2.80	0.86	10,462
Average Daily	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.01	0.01	< 0.005	13.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	1.23	0.46	0.01	0.25	0.27	0.08	1,004
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	< 0.005	2.20
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.23	0.08	< 0.005	0.05	0.05	0.01	166

3.3. Site Preparation (2025) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	4.05	37.5	32.4	1.93	—	1.93	1.78	5,547
Dust From Material Movement	—	—	—	—	5.66	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	0.11	1.03	0.89	0.05	—	0.05	0.05	152
Dust From Material Movement	—	—	—	—	0.16	0.16	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	0.16	0.01	—	0.01	0.01	25.2
Dust From Material Movement	—	—	—	—	0.03	0.03	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	0.06	0.76	0.00	0.16	0.16	0.04	160
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	0.02	0.00	< 0.005	< 0.005	< 0.005	4.44
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	< 0.005	< 0.005	< 0.005	0.73
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 (2025) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—

Off-Road Equipment	2.30	20.6	19.6	1.15	—	1.15	1.05	3,145
Dust From Material Movement	—	—	—	—	2.26	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	0.13	1.13	1.07	0.06	—	0.06	0.06	172
Dust From Material Movement	—	—	—	—	0.12	0.12	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	0.20	0.01	—	0.01	0.01	28.5
Dust From Material Movement	—	—	—	—	0.02	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	0.05	0.65	0.00	0.13	0.13	0.03	137
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	0.04	0.00	0.01	0.01	< 0.005	7.61
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	< 0.005	< 0.005	< 0.005	1.26
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

3.7. Building Construction (2025) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.21	11.3	14.1	0.47	—	0.47	0.43	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	0.07	0.69	0.86	0.03	—	0.03	0.03	160
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.16	0.01	—	0.01	< 0.005	26.5
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	0.23	0.21	2.61	0.00	0.54	0.54	0.13	551
Vendor	0.02	0.73	0.36	0.01	0.15	0.16	0.05	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.17	0.00	0.03	0.03	0.01	34.0
Vendor	< 0.005	0.04	0.02	< 0.005	0.01	0.01	< 0.005	36.4

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.01	0.01	< 0.005	5.62
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	6.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2026) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	10.7	14.1	0.41	—	0.41	0.38	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	1.16	10.7	14.1	0.41	—	0.41	0.38	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	0.65	6.04	7.96	0.23	—	0.23	0.21	1,492
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.10	1.45	0.04	—	0.04	0.04	247
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Worker	0.21	0.17	2.80	0.00	0.54	0.54	0.13	571
Vendor	0.02	0.67	0.34	0.01	0.15	0.16	0.05	591
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Worker	0.21	0.19	2.44	0.00	0.54	0.54	0.13	540
Vendor	0.02	0.70	0.35	0.01	0.15	0.16	0.05	590
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Worker	0.12	0.12	1.44	0.00	0.30	0.30	0.07	310
Vendor	0.01	0.40	0.20	< 0.005	0.09	0.09	0.03	334
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.26	0.00	0.06	0.06	0.01	51.4
Vendor	< 0.005	0.07	0.04	< 0.005	0.02	0.02	< 0.005	55.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	7.12	9.94	0.32	—	0.32	0.29	1,516
Paving	0.64	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.39	0.54	0.02	—	0.02	0.02	83.1
Paving	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	0.07	0.10	< 0.005	—	< 0.005	< 0.005	13.8
Paving	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	0.05	0.05	0.61	0.00	0.13	0.13	0.03	134
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	0.03	0.00	0.01	0.01	< 0.005	7.46
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	< 0.005	< 0.005	< 0.005	1.23
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 (2026) - 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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.14	1.51	0.03	—	0.03	0.03	179
Architectural Coatings	69.7	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.08	< 0.005	—	< 0.005	< 0.005	9.79
Architectural Coatings	3.82	—	—	—	—	—	—	—
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	0.02	< 0.005	—	< 0.005	< 0.005	1.62
Architectural Coatings	0.70	—	—	—	—	—	—	—
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	0.04	0.04	0.49	0.00	0.11	0.11	0.03	108
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	0.03	0.00	0.01	0.01	< 0.005	6.01
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	< 0.005	< 0.005	< 0.005	1.00
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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.35	0.19	3.37	< 0.005	0.73	0.73	0.19	749
Manufacturing	0.59	0.31	5.65	0.01	1.22	1.23	0.32	1,254
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
User Defined Industrial	0.16	7.04	3.23	0.09	2.16	2.26	0.67	7,267
Total	1.11	7.54	12.2	0.10	4.12	4.22	1.17	9,270
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.35	0.21	3.07	< 0.005	0.73	0.73	0.19	710
Manufacturing	0.59	0.35	5.15	0.01	1.22	1.23	0.32	1,190
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

User Defined Industrial	0.15	7.32	3.23	0.09	2.16	2.26	0.67	7,249
Total	1.10	7.88	11.5	0.10	4.12	4.22	1.17	9,150
Annual	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.04	0.58	< 0.005	0.13	0.13	0.03	119
Manufacturing	0.11	0.06	0.97	< 0.005	0.22	0.22	0.06	200
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
User Defined Industrial	0.03	1.35	0.59	0.02	0.39	0.41	0.12	1,201
Total	0.20	1.46	2.13	0.02	0.74	0.76	0.21	1,521

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	450
Manufacturing	—	—	—	—	—	—	—	395
Parking Lot	—	—	—	—	—	—	—	82.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	927
Daily, Winter (Max)	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	450
Manufacturing	—	—	—	—	—	—	—	395
Parking Lot	—	—	—	—	—	—	—	82.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	927
Annual	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	74.5
Manufacturing	—	—	—	—	—	—	—	65.4
Parking Lot	—	—	—	—	—	—	—	13.6
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	154

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.52	0.44	0.04	—	0.04	0.04	624
Manufacturing	0.03	0.50	0.42	0.04	—	0.04	0.04	594
Parking Lot	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

User Defined Industrial	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00
Total	0.06	1.02	0.86	0.08	—	0.08	0.08	1,218
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.52	0.44	0.04	—	0.04	0.04	624
Manufacturing	0.03	0.50	0.42	0.04	—	0.04	0.04	594
Parking Lot	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
User Defined Industrial	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00
Total	0.06	1.02	0.86	0.08	—	0.08	0.08	1,218
Annual	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.10	0.08	0.01	—	0.01	0.01	103
Manufacturing	< 0.005	0.09	0.08	0.01	—	0.01	0.01	98.3
Parking Lot	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
User Defined Industrial	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00
Total	0.01	0.19	0.16	0.01	—	0.01	0.01	202

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—

Consumer Products	3.10	—	—	—	—	—	—	—
Architectural Coatings	0.38	—	—	—	—	—	—	—
Landscape Equipment	1.03	0.05	6.26	0.01	—	0.01	0.01	25.8
Total	4.51	0.05	6.26	0.01	—	0.01	0.01	25.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Consumer Products	3.10	—	—	—	—	—	—	—
Architectural Coatings	0.38	—	—	—	—	—	—	—
Total	3.48	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Consumer Products	0.57	—	—	—	—	—	—	—
Architectural Coatings	0.07	—	—	—	—	—	—	—
Landscape Equipment	0.13	0.01	0.78	< 0.005	—	< 0.005	< 0.005	2.93
Total	0.76	0.01	0.78	< 0.005	—	< 0.005	< 0.005	2.93

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	347
Manufacturing	—	—	—	—	—	—	—	147
Parking Lot	—	—	—	—	—	—	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	494
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	347
Manufacturing	—	—	—	—	—	—	—	147
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	494
Annual	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	57.5
Manufacturing	—	—	—	—	—	—	—	24.3
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	81.8

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	PM10E	PM10D	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	179
Manufacturing	—	—	—	—	—	—	—	101
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	280
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	179
Manufacturing	—	—	—	—	—	—	—	101
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	280
Annual	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	29.6
Manufacturing	—	—	—	—	—	—	—	16.7
Parking Lot	—	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	46.3

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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	11.2
Total	—	—	—	—	—	—	—	11.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	11.2
Total	—	—	—	—	—	—	—	11.2
Annual	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	1.86
Total	—	—	—	—	—	—	—	1.86

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	PM10E	PM10D	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	PM10E	PM10D	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	PM10E	PM10D	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	PM10E	PM10D	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	PM10E	PM10D	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	PM10E	PM10D	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	9/1/2025	10/17/2025	5.00	35.0	—
Site Preparation	Site Preparation	10/20/2025	10/31/2025	5.00	10.0	—
Grading	Grading	11/3/2025	11/28/2025	5.00	20.0	—

Building Construction	Building Construction	12/1/2025	10/16/2026	5.00	230	—
Paving	Paving	10/19/2026	11/13/2026	5.00	20.0	—
Architectural Coating	Architectural Coating	11/16/2026	12/11/2026	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	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
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	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
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	Tractors/Loaders/Back hoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
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
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	12.6	LDA,LDT1,LDT2
Demolition	Vendor	—	7.75	HHDT,MHDT
Demolition	Hauling	144	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	12.6	LDA,LDT1,LDT2
Site Preparation	Vendor	—	7.75	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	12.6	LDA,LDT1,LDT2
Grading	Vendor	—	7.75	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	60.5	12.6	LDA,LDT1,LDT2
Building Construction	Vendor	23.6	7.75	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—

Paving	Worker	15.0	12.6	LDA,LDT1,LDT2
Paving	Vendor	—	7.75	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	12.1	12.6	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.75	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	0.00	0.00	215,900	71,967	12,804

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	20,164	—
Site Preparation	0.00	0.00	35.0	0.00	—
Grading	0.00	0.00	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	4.90

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
Unrefrigerated Warehouse-No Rail	0.00	0%
Manufacturing	0.00	0%
Parking Lot	2.26	100%
Other Asphalt Surfaces	2.64	100%
User Defined Industrial	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	1,752	349	0.03	< 0.005
2026	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	VTM/Weekday	VTM/Saturday	VTM/Sunday	VTM/Year
Unrefrigerated Warehouse-No Rail	111	111	111	40,452	1,043	1,043	1,043	380,803
Manufacturing	186	186	186	67,771	1,748	1,748	1,748	637,970
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
User Defined Industrial	80.6	80.6	80.6	29,420	2,444	2,444	2,444	891,896

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

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)
0	0.00	215,900	71,967	12,804

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)
Unrefrigerated Warehouse-No Rail	471,561	346	0.0330	0.0040	1,942,130
Manufacturing	414,214	346	0.0330	0.0040	1,848,188
Parking Lot	86,200	346	0.0330	0.0040	0.00

Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
User Defined Industrial	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)
Unrefrigerated Warehouse-No Rail	23,299,131	862,512
Manufacturing	9,985,375	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	94.7	—
Manufacturing	53.5	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	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

Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088	0.30	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

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	4.89	annual days of extreme heat
Extreme Precipitation	4.25	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

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

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	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	1	1	1	2
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	22.2
AQ-PM	74.9
AQ-DPM	59.9
Drinking Water	29.9
Lead Risk Housing	60.9
Pesticides	0.00
Toxic Releases	99.2
Traffic	59.8
Effect Indicators	—
CleanUp Sites	98.6
Groundwater	89.1
Haz Waste Facilities/Generators	99.0
Impaired Water Bodies	33.2
Solid Waste	80.0
Sensitive Population	—
Asthma	67.9
Cardio-vascular	50.0
Low Birth Weights	37.6
Socioeconomic Factor Indicators	—

Education	20.3
Housing	27.2
Linguistic	61.5
Poverty	31.5
Unemployment	45.8

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	69.98588477
Employed	76.78686
Median HI	54.71577056
Education	—
Bachelor's or higher	64.6862569
High school enrollment	100
Preschool enrollment	59.39946105
Transportation	—
Auto Access	48.80020531
Active commuting	66.6495573
Social	—
2-parent households	60.25920698
Voting	41.15231618
Neighborhood	—
Alcohol availability	26.35698704
Park access	81.35506224
Retail density	98.06236366
Supermarket access	76.35057103

Tree canopy	46.19530348
Housing	—
Homeownership	30.83536507
Housing habitability	59.34813294
Low-inc homeowner severe housing cost burden	77.5439497
Low-inc renter severe housing cost burden	83.16437829
Uncrowded housing	37.99563711
Health Outcomes	—
Insured adults	44.48864365
Arthritis	63.4
Asthma ER Admissions	31.7
High Blood Pressure	66.9
Cancer (excluding skin)	38.7
Asthma	80.2
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	65.9
Life Expectancy at Birth	58.1
Cognitively Disabled	96.3
Physically Disabled	73.0
Heart Attack ER Admissions	60.8
Mental Health Not Good	66.0
Chronic Kidney Disease	73.0
Obesity	63.7
Pedestrian Injuries	70.2
Physical Health Not Good	64.0
Stroke	70.4
Health Risk Behaviors	—

Binge Drinking	36.9
Current Smoker	65.4
No Leisure Time for Physical Activity	70.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	32.5
Elderly	55.1
English Speaking	47.8
Foreign-born	48.8
Outdoor Workers	44.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.7
Traffic Density	61.1
Traffic Access	71.3
Other Indices	—
Hardship	35.1
Other Decision Support	—
2016 Voting	30.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	66.0
Healthy Places Index Score for Project Location (b)	66.0
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
Construction: Off-Road Equipment	Assumed all construction will be utilized 8 hours per work day. Replaced Tractors/Loaders/Backhoes with Crawler Tractors in the Site Preparation and Grading Phases.
Operations: Vehicle Data	Adjusted trip rate to match ITE 11th edition trip rate for Manufacturing and Warehousing. Truck trips were applied to the User Defined Industrial land use, with 2 axle trucks applied to Non Res H-W (length and percentage) with a 15.3 mile trip length and 17.2840% trip percentage, 3 axle trucks applied to Non Res W-O with a 14.2 mile trip length and 20.9877% trip percentage, and 4+ axle trucks applied to Non Res O-O with 40 mile trip length and a 61.7284% trip percentage.
Operations: Fleet Mix	Vehicle splits were normalized using CalEEMod defaults and the Project's operational trip generation, User Defined Industrial was utilized to analyze 100% of trucks (HHDT, MHDT, LHDT1, LHDT2), unrefrigerated warehouse and manufacturing defaults were normalized using the CalEEMod defaults to analyze 100% passenger vehicles only (LDA, LDT1, LDT2, MCY, MDV).
Construction: Dust From Material Movement	No import/export needed.
Construction: Construction Phases	Demolition extended to account for the amount of demolition required to be removed.

*APPENDIX A.2– CALEEMOD OUTPUT FOR MITIGATED PROJECT
CONSTRUCTION*

24-007 W 205 Torrance Mitigated 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 (2025) - Unmitigated
 - 3.3. Site Preparation (2025) - Unmitigated
 - 3.5. Grading (2025) - Unmitigated
 - 3.7. Building Construction (2025) - Unmitigated
 - 3.9. Building Construction (2026) - Unmitigated

3.11. Paving (2026) - Unmitigated

3.13. Architectural Coating (2026) - 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	24-007 W 205 Torrance Mitigated
Construction Start Date	9/1/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	17.4
Location	33.84605242481844, -118.32747505248464
County	Los Angeles-South Coast
City	Torrance
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4669
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

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
Unrefrigerated Warehouse-No Rail	101	1000sqft	2.31	100,753	61,500	—	—	—

Manufacturing	43.2	1000sqft	0.99	43,180	0.00	—	—	—
Parking Lot	251	Space	2.26	0.00	0.00	—	—	—
Other Asphalt Surfaces	2.64	Acre	2.64	0.00	0.00	—	—	—
User Defined Industrial	144	User Defined Unit	0.00	0.00	0.00	—	—	—

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.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	17.7	23.9	0.30	11.3	2.30	14,062
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	18.2	30.7	0.30	11.3	2.83	14,036
Average Daily (Max)	—	—	—	—	—	—
Unmit.	2.54	11.6	0.07	1.43	0.37	2,243
Annual (Max)	—	—	—	—	—	—
Unmit.	0.46	2.12	0.01	0.26	0.07	371
Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	55.0	100	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	55.0	100	—	150	55.0	—
Unmit.	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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—
2025	17.7	23.9	0.30	11.3	2.30	14,062
2026	4.08	19.5	0.12	0.81	0.28	3,801
Daily - Winter (Max)	—	—	—	—	—	—
2025	18.2	30.7	0.30	11.3	2.83	14,036
2026	4.13	19.1	0.12	0.81	0.28	3,769
Average Daily	—	—	—	—	—	—
2025	2.22	5.39	0.04	1.43	0.37	1,914
2026	2.54	11.6	0.07	0.47	0.17	2,243
Annual	—	—	—	—	—	—
2025	0.40	0.98	0.01	0.26	0.07	317
2026	0.46	2.12	0.01	0.09	0.03	371

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.	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unmit.	8.61	19.4	0.19	4.31	1.26	12,226
Daily, Winter (Max)	—	—	—	—	—	—
Unmit.	8.90	12.3	0.18	4.30	1.25	12,080
Average Daily (Max)	—	—	—	—	—	—
Unmit.	9.04	16.8	0.19	4.26	1.25	12,134
Annual (Max)	—	—	—	—	—	—
Unmit.	1.65	3.07	0.03	0.78	0.23	2,009

Exceeds (Daily Max)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	No	No	—	No	No	—
Exceeds (Average Daily)	—	—	—	—	—	—
Threshold	55.0	550	—	150	55.0	—
Unmit.	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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Mobile	7.54	12.2	0.10	4.22	1.17	9,270
Area	0.05	6.26	0.01	0.01	0.01	25.8
Energy	1.02	0.86	0.08	0.08	0.08	2,145
Water	—	—	—	—	—	494
Waste	—	—	—	—	—	280
Refrig.	—	—	—	—	—	11.2
Total	8.61	19.4	0.19	4.31	1.26	12,226
Daily, Winter (Max)	—	—	—	—	—	—
Mobile	7.88	11.5	0.10	4.22	1.17	9,150
Area	—	—	—	—	—	—
Energy	1.02	0.86	0.08	0.08	0.08	2,145
Water	—	—	—	—	—	494
Waste	—	—	—	—	—	280
Refrig.	—	—	—	—	—	11.2

Total	8.90	12.3	0.18	4.30	1.25	12,080
Average Daily	—	—	—	—	—	—
Mobile	7.99	11.7	0.10	4.18	1.16	9,186
Area	0.04	4.29	0.01	0.01	0.01	17.7
Energy	1.02	0.86	0.08	0.08	0.08	2,145
Water	—	—	—	—	—	494
Waste	—	—	—	—	—	280
Refrig.	—	—	—	—	—	11.2
Total	9.04	16.8	0.19	4.26	1.25	12,134
Annual	—	—	—	—	—	—
Mobile	1.46	2.13	0.02	0.76	0.21	1,521
Area	0.01	0.78	< 0.005	< 0.005	< 0.005	2.93
Energy	0.19	0.16	0.01	0.01	0.01	355
Water	—	—	—	—	—	81.8
Waste	—	—	—	—	—	46.3
Refrig.	—	—	—	—	—	1.86
Total	1.65	3.07	0.03	0.78	0.23	2,009

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	5.39	18.4	0.17	0.17	0.16	3,437
Demolition	—	—	—	8.22	1.25	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	5.39	18.4	0.17	0.17	0.16	3,437
Demolition	—	—	—	8.22	1.25	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.52	1.76	0.02	0.02	0.02	330
Demolition	—	—	—	0.79	0.12	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.09	0.32	< 0.005	< 0.005	< 0.005	54.6
Demolition	—	—	—	0.14	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.05	0.75	0.00	0.13	0.03	145
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	12.2	4.76	0.13	2.80	0.86	10,481
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.65	0.00	0.13	0.03	137
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	12.7	4.81	0.13	2.80	0.86	10,462
Average Daily	—	—	—	—	—	—
Worker	0.01	0.06	0.00	0.01	< 0.005	13.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	1.23	0.46	0.01	0.27	0.08	1,004
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	2.20
Vendor	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.23	0.08	< 0.005	0.05	0.01	166

3.3. Site Preparation (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	2.71	30.0	0.10	0.10	0.10	5,547
Dust From Material Movement	—	—	—	5.66	2.69	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.07	0.82	< 0.005	< 0.005	< 0.005	152
Dust From Material Movement	—	—	—	0.16	0.07	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.15	< 0.005	< 0.005	< 0.005	25.2
Dust From Material Movement	—	—	—	0.03	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.06	0.76	0.00	0.16	0.04	160
Vendor	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
Average Daily	—	—	—	—	—	—

Worker	< 0.005	0.02	0.00	< 0.005	< 0.005	4.44
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.73
Vendor	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

3.5. Grading (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	2.30	19.0	0.08	0.08	0.08	3,145
Dust From Material Movement	—	—	—	2.26	0.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.13	1.04	< 0.005	< 0.005	< 0.005	172
Dust From Material Movement	—	—	—	0.12	0.05	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.02	0.19	< 0.005	< 0.005	< 0.005	28.5
Dust From Material Movement	—	—	—	0.02	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.65	0.00	0.13	0.03	137
Vendor	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
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.04	0.00	0.01	< 0.005	7.61
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.26
Vendor	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

3.7. Building Construction (2025) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	3.28	16.4	0.12	0.12	0.11	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.20	0.99	0.01	0.01	0.01	160
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.04	0.18	< 0.005	< 0.005	< 0.005	26.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.21	2.61	0.00	0.54	0.13	551
Vendor	0.73	0.36	0.01	0.16	0.05	600
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.01	0.17	0.00	0.03	0.01	34.0
Vendor	0.04	0.02	< 0.005	0.01	< 0.005	36.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	5.62
Vendor	0.01	< 0.005	< 0.005	< 0.005	< 0.005	6.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Off-Road Equipment	3.23	16.3	0.11	0.11	0.11	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	3.23	16.3	0.11	0.11	0.11	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	1.83	9.24	0.06	0.06	0.06	1,492
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—
Off-Road Equipment	0.33	1.69	0.01	0.01	0.01	247
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Worker	0.17	2.80	0.00	0.54	0.13	571
Vendor	0.67	0.34	0.01	0.16	0.05	591
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.19	2.44	0.00	0.54	0.13	540
Vendor	0.70	0.35	0.01	0.16	0.05	590
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Worker	0.12	1.44	0.00	0.30	0.07	310
Vendor	0.40	0.20	< 0.005	0.09	0.03	334
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Worker	0.02	0.26	0.00	0.06	0.01	51.4
Vendor	0.07	0.04	< 0.005	0.02	< 0.005	55.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	2.35	10.6	0.10	0.10	0.09	1,516

Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.13	0.58	0.01	0.01	0.01	83.1
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.02	0.11	< 0.005	< 0.005	< 0.005	13.8
Paving	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.05	0.61	0.00	0.13	0.03	134
Vendor	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
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	7.46
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.23
Vendor	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

3.13. Architectural Coating (2026) - Unmitigated

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

Location	NOx	CO	PM10E	PM10T	PM2.5T	CO2e

Onsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Off-Road Equipment	1.14	1.51	0.03	0.03	0.03	179
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—
Off-Road Equipment	0.06	0.08	< 0.005	< 0.005	< 0.005	9.79
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—
Off-Road Equipment	0.01	0.02	< 0.005	< 0.005	< 0.005	1.62
Architectural Coatings	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—
Worker	0.04	0.49	0.00	0.11	0.03	108
Vendor	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
Average Daily	—	—	—	—	—	—
Worker	< 0.005	0.03	0.00	0.01	< 0.005	6.01
Vendor	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
Annual	—	—	—	—	—	—
Worker	< 0.005	0.01	0.00	< 0.005	< 0.005	1.00
Vendor	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

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.19	3.37	< 0.005	0.73	0.19	749
Manufacturing	0.31	5.65	0.01	1.23	0.32	1,254
Parking Lot	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
User Defined Industrial	7.04	3.23	0.09	2.26	0.67	7,267
Total	7.54	12.2	0.10	4.22	1.17	9,270
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.21	3.07	< 0.005	0.73	0.19	710
Manufacturing	0.35	5.15	0.01	1.23	0.32	1,190
Parking Lot	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
User Defined Industrial	7.32	3.23	0.09	2.26	0.67	7,249
Total	7.88	11.5	0.10	4.22	1.17	9,150
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.58	< 0.005	0.13	0.03	119
Manufacturing	0.06	0.97	< 0.005	0.22	0.06	200
Parking Lot	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

User Defined Industrial	1.35	0.59	0.02	0.41	0.12	1,201
Total	1.46	2.13	0.02	0.76	0.21	1,521

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	450
Manufacturing	—	—	—	—	—	395
Parking Lot	—	—	—	—	—	82.2
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	927
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	450
Manufacturing	—	—	—	—	—	395
Parking Lot	—	—	—	—	—	82.2
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	927
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	74.5
Manufacturing	—	—	—	—	—	65.4
Parking Lot	—	—	—	—	—	13.6

Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	154

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.52	0.44	0.04	0.04	0.04	624
Manufacturing	0.50	0.42	0.04	0.04	0.04	594
Parking Lot	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
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.02	0.86	0.08	0.08	0.08	1,218
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.52	0.44	0.04	0.04	0.04	624
Manufacturing	0.50	0.42	0.04	0.04	0.04	594
Parking Lot	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
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.02	0.86	0.08	0.08	0.08	1,218
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.10	0.08	0.01	0.01	0.01	103
Manufacturing	0.09	0.08	0.01	0.01	0.01	98.3
Parking Lot	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

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.19	0.16	0.01	0.01	0.01	202

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.05	6.26	0.01	0.01	0.01	25.8
Total	0.05	6.26	0.01	0.01	0.01	25.8
Daily, Winter (Max)	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Total	—	—	—	—	—	—
Annual	—	—	—	—	—	—
Consumer Products	—	—	—	—	—	—
Architectural Coatings	—	—	—	—	—	—
Landscape Equipment	0.01	0.78	< 0.005	< 0.005	< 0.005	2.93
Total	0.01	0.78	< 0.005	< 0.005	< 0.005	2.93

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e

Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	347
Manufacturing	—	—	—	—	—	147
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	494
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	347
Manufacturing	—	—	—	—	—	147
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	494
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	57.5
Manufacturing	—	—	—	—	—	24.3
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	81.8

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	179
Manufacturing	—	—	—	—	—	101
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	280
Daily, Winter (Max)	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	179
Manufacturing	—	—	—	—	—	101
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	280
Annual	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	29.6
Manufacturing	—	—	—	—	—	16.7
Parking Lot	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	0.00
User Defined Industrial	—	—	—	—	—	0.00
Total	—	—	—	—	—	46.3

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	NOx	CO	PM10E	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	11.2
Total	—	—	—	—	—	11.2
Daily, Winter (Max)	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	11.2
Total	—	—	—	—	—	11.2
Annual	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	1.86
Total	—	—	—	—	—	1.86

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	NOx	CO	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	NOx	CO	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	NOx	CO	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	NOx	CO	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	9/1/2025	10/17/2025	5.00	35.0	—
Site Preparation	Site Preparation	10/20/2025	10/31/2025	5.00	10.0	—
Grading	Grading	11/3/2025	11/28/2025	5.00	20.0	—
Building Construction	Building Construction	12/1/2025	10/16/2026	5.00	230	—
Paving	Paving	10/19/2026	11/13/2026	5.00	20.0	—
Architectural Coating	Architectural Coating	11/16/2026	12/11/2026	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	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	0.00	8.00	84.0	0.37
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	0.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Tier 4 Final	3.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
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	12.6	LDA,LDT1,LDT2
Demolition	Vendor	—	7.75	HHDT,MHDT
Demolition	Hauling	144	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	12.6	LDA,LDT1,LDT2
Site Preparation	Vendor	—	7.75	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	12.6	LDA,LDT1,LDT2
Grading	Vendor	—	7.75	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	60.5	12.6	LDA,LDT1,LDT2
Building Construction	Vendor	23.6	7.75	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	12.6	LDA,LDT1,LDT2
Paving	Vendor	—	7.75	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	12.1	12.6	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	7.75	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	0.00	0.00	215,900	71,967	12,804

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	20,164	—
Site Preparation	0.00	0.00	35.0	0.00	—
Grading	0.00	0.00	50.0	0.00	—
Paving	0.00	0.00	0.00	0.00	4.90

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
Unrefrigerated Warehouse-No Rail	0.00	0%
Manufacturing	0.00	0%
Parking Lot	2.26	100%
Other Asphalt Surfaces	2.64	100%
User Defined Industrial	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	349	0.03	< 0.005
2026	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
Unrefrigerated Warehouse-No Rail	111	111	111	40,452	1,043	1,043	1,043	380,803
Manufacturing	186	186	186	67,771	1,748	1,748	1,748	637,970
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
User Defined Industrial	80.6	80.6	80.6	29,420	2,444	2,444	2,444	891,896

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

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)
0	0.00	215,900	71,967	12,804

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)
Unrefrigerated Warehouse-No Rail	471,561	346	0.0330	0.0040	1,942,130
Manufacturing	414,214	346	0.0330	0.0040	1,848,188
Parking Lot	86,200	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
User Defined Industrial	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)

Unrefrigerated Warehouse-No Rail	23,299,131	862,512
Manufacturing	9,985,375	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	94.7	—
Manufacturing	53.5	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	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
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088	0.30	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

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	4.89	annual days of extreme heat
Extreme Precipitation	4.25	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	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	1	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	1	1	1	2
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	22.2

AQ-PM	74.9
AQ-DPM	59.9
Drinking Water	29.9
Lead Risk Housing	60.9
Pesticides	0.00
Toxic Releases	99.2
Traffic	59.8
Effect Indicators	—
CleanUp Sites	98.6
Groundwater	89.1
Haz Waste Facilities/Generators	99.0
Impaired Water Bodies	33.2
Solid Waste	80.0
Sensitive Population	—
Asthma	67.9
Cardio-vascular	50.0
Low Birth Weights	37.6
Socioeconomic Factor Indicators	—
Education	20.3
Housing	27.2
Linguistic	61.5
Poverty	31.5
Unemployment	45.8

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	69.98588477
Employed	76.78686
Median HI	54.71577056
Education	—
Bachelor's or higher	64.6862569
High school enrollment	100
Preschool enrollment	59.39946105
Transportation	—
Auto Access	48.80020531
Active commuting	66.6495573
Social	—
2-parent households	60.25920698
Voting	41.15231618
Neighborhood	—
Alcohol availability	26.35698704
Park access	81.35506224
Retail density	98.06236366
Supermarket access	76.35057103
Tree canopy	46.19530348
Housing	—
Homeownership	30.83536507
Housing habitability	59.34813294
Low-inc homeowner severe housing cost burden	77.5439497
Low-inc renter severe housing cost burden	83.16437829
Uncrowded housing	37.99563711
Health Outcomes	—
Insured adults	44.48864365
Arthritis	63.4

Asthma ER Admissions	31.7
High Blood Pressure	66.9
Cancer (excluding skin)	38.7
Asthma	80.2
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	68.2
Diagnosed Diabetes	65.9
Life Expectancy at Birth	58.1
Cognitively Disabled	96.3
Physically Disabled	73.0
Heart Attack ER Admissions	60.8
Mental Health Not Good	66.0
Chronic Kidney Disease	73.0
Obesity	63.7
Pedestrian Injuries	70.2
Physical Health Not Good	64.0
Stroke	70.4
Health Risk Behaviors	—
Binge Drinking	36.9
Current Smoker	65.4
No Leisure Time for Physical Activity	70.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	32.5
Elderly	55.1
English Speaking	47.8
Foreign-born	48.8

Outdoor Workers	44.0
Climate Change Adaptive Capacity	—
Impervious Surface Cover	16.7
Traffic Density	61.1
Traffic Access	71.3
Other Indices	—
Hardship	35.1
Other Decision Support	—
2016 Voting	30.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	66.0
Healthy Places Index Score for Project Location (b)	66.0
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
Construction: Off-Road Equipment	Assumed all construction will be utilized 8 hours per work day. Replaced Tractors/Loaders/Backhoes with Crawler Tractors in the Site Preparation and Grading Phases. Mitigated model utilized Tier 4 final equipment for construction equipment >50hp during the demolition and grading phases.
Operations: Vehicle Data	Adjusted trip rate to match ITE 11th edition trip rate for Manufacturing and Warehousing. Truck trips were applied to the User Defined Industrial land use, with 2 axle trucks applied to Non Res H-W (length and percentage) with a 15.3 mile trip length and 17.2840% trip percentage, 3 axle trucks applied to Non Res W-O with a 14.2 mile trip length and 20.9877% trip percentage, and 4+ axle trucks applied to Non Res O-O with 40 mile trip length and a 61.7284% trip percentage.
Operations: Fleet Mix	Vehicle splits were normalized using CalEEMod defaults and the Project's operational trip generation. User Defined Industrial was utilized to analyze 100% of trucks (HHDT, MHDT, LHDT1, LHDT2), unrefrigerated warehouse and manufacturing defaults were normalized using the CalEEMod defaults to analyze 100% passenger vehicles only (LDA, LDT1, LDT2, MCY, MDV).
Construction: Dust From Material Movement	No import/export needed.
Construction: Construction Phases	Demolition extended to account for the amount of demolition required to be removed.

APPENDIX B.1 – AERMOD CONSTRUCTION MODEL OUTPUT

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 9/18/2024
** File: C:\Lakes\AERMOD View\24_007_Torrance_Con\24_007_Torrance_Con.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\24_007_Torrance_Con\24_007_Torrance_Con.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 9700000 LA_County_Population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 24_007_Torrance_Con.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1   AREAPOLY  377149.374  3745950.466    21.780
** DESCRSRC Project Area Source
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: W 205th St > Del Amo Blvd > Fwy Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 7.0486E-11
** Nodes = 16
** 377203.898, 3745805.662, 22.12, 2.64
** 377207.528, 3745795.289, 22.21, 2.64
** 377206.750, 3745623.886, 22.42, 2.64
** 377062.315, 3745625.182, 22.42, 2.64
** 377063.310, 3745973.570, 21.61, 2.64
** 377080.178, 3745969.263, 21.53, 2.64
** 377130.067, 3745962.444, 21.47, 2.64
```

** 377381.661, 3745961.726, 20.76, 2.64
** 378079.152, 3745955.485, 16.81, 2.64
** 378866.443, 3745947.751, 16.33, 2.64
** 378868.093, 3745946.926, 16.33, 2.64
** 378869.804, 3746564.065, 18.64, 2.64
** 378869.804, 3746861.885, 18.08, 2.64
** 378871.486, 3747127.736, 17.76, 2.64
** 378872.328, 3747152.134, 17.54, 2.64
** 378887.471, 3747223.645, 17.57, 2.64

** -----
LOCATION A0000153 AREA 377196.347 3745803.019 22.12
LOCATION A0000154 AREA 377199.528 3745795.325 22.22
LOCATION A0000155 AREA 377199.139 3745709.624 22.09
LOCATION A0000156 AREA 377206.822 3745631.885 22.45
LOCATION A0000157 AREA 377070.315 3745625.159 22.42
LOCATION A0000158 AREA 377070.647 3745741.289 22.18
LOCATION A0000159 AREA 377070.978 3745857.418 21.96
LOCATION A0000160 AREA 377061.331 3745965.819 21.63
LOCATION A0000161 AREA 377079.095 3745961.337 21.54
LOCATION A0000162 AREA 377130.044 3745954.444 21.66
LOCATION A0000163 AREA 377255.841 3745954.085 21.10
LOCATION A0000164 AREA 377381.590 3745953.727 20.74
LOCATION A0000165 AREA 377521.088 3745952.478 20.59
LOCATION A0000166 AREA 377660.586 3745951.230 20.45
LOCATION A0000167 AREA 377800.084 3745949.982 18.61
LOCATION A0000168 AREA 377939.582 3745948.733 16.21
LOCATION A0000169 AREA 378079.073 3745947.485 16.64
LOCATION A0000170 AREA 378236.532 3745945.938 15.54
LOCATION A0000171 AREA 378393.990 3745944.391 15.20
LOCATION A0000172 AREA 378551.448 3745942.845 15.71
LOCATION A0000173 AREA 378708.907 3745941.298 17.61
LOCATION A0000174 AREA 378862.866 3745940.595 16.38
LOCATION A0000175 AREA 378876.093 3745946.903 16.23
LOCATION A0000176 AREA 378876.521 3746101.188 16.94
LOCATION A0000177 AREA 378876.949 3746255.473 17.56
LOCATION A0000178 AREA 378877.376 3746409.758 18.64
LOCATION A0000179 AREA 378877.804 3746564.065 18.55
LOCATION A0000180 AREA 378877.804 3746712.975 18.08
LOCATION A0000181 AREA 378877.804 3746861.835 17.81
LOCATION A0000182 AREA 378878.645 3746994.760 17.73
LOCATION A0000183 AREA 378879.482 3747127.461 17.58
LOCATION A0000184 AREA 378880.154 3747150.477 17.58

** End of LINE AREA Source ID = OFFS1

** -----

** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS2
** DESCRSRC Offsite 2: SR-213 > 405 East
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.3146E-11
** Nodes = 10
** 378887.102, 3747225.922, 17.52, 2.64

```

** 378686.110, 3747226.439, 18.30, 2.64
** 378685.594, 3747287.408, 19.19, 2.64
** 378687.660, 3747329.260, 20.37, 2.64
** 378695.927, 3747354.577, 21.37, 2.64
** 378712.461, 3747372.145, 20.90, 2.64
** 378735.712, 3747381.445, 23.00, 2.64
** 378753.280, 3747382.995, 23.35, 2.64
** 378816.316, 3747377.828, 18.13, 2.64
** 378902.602, 3747371.628, 17.70, 2.64
** -----
LOCATION A0000185 AREA 378887.114 3747230.672 17.52
LOCATION A0000186 AREA 378820.117 3747230.845 17.77
LOCATION A0000187 AREA 378753.120 3747231.017 18.13
LOCATION A0000188 AREA 378690.860 3747226.479 18.33
LOCATION A0000189 AREA 378690.338 3747287.174 19.07
LOCATION A0000190 AREA 378692.176 3747327.785 19.61
LOCATION A0000191 AREA 378699.386 3747351.322 21.10
LOCATION A0000192 AREA 378714.226 3747367.735 21.43
LOCATION A0000193 AREA 378736.130 3747376.714 21.18
LOCATION A0000194 AREA 378752.892 3747378.261 21.54
LOCATION A0000195 AREA 378815.975 3747373.091 20.95
** End of LINE AREA Source ID = OFFS2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS3
** DESCRSRC Offsite 3: SR-213 > 405 West
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.3129E-11
** Nodes = 18
** 378886.585, 3747226.956, 17.52, 2.64
** 378896.919, 3747259.507, 17.40, 2.64
** 378900.019, 3747279.141, 17.29, 2.64
** 378898.986, 3747366.461, 17.62, 2.64
** 378900.019, 3747500.800, 17.02, 2.64
** 378957.371, 3747499.767, 17.77, 2.64
** 378993.539, 3747495.633, 18.03, 2.64
** 379009.557, 3747487.366, 19.25, 2.64
** 379018.857, 3747475.482, 19.53, 2.64
** 379024.541, 3747464.632, 19.05, 2.64
** 379025.057, 3747453.265, 19.41, 2.64
** 379025.057, 3747443.448, 19.60, 2.64
** 379017.307, 3747427.947, 22.43, 2.64
** 379005.423, 3747417.097, 22.24, 2.64
** 378981.656, 3747409.346, 21.14, 2.64
** 378954.271, 3747404.179, 23.77, 2.64
** 378916.553, 3747405.729, 18.85, 2.64
** 378906.219, 3747406.246, 17.39, 2.64
** -----
LOCATION A0000196 AREA 378891.112 3747225.518 17.52
LOCATION A0000197 AREA 378901.611 3747258.766 17.36
LOCATION A0000198 AREA 378904.769 3747279.197 17.30

```

LOCATION A0000199	AREA	378903.735	3747366.425	17.26
LOCATION A0000200	AREA	378904.252	3747433.594	17.18
LOCATION A0000201	AREA	378899.933	3747496.051	17.15
LOCATION A0000202	AREA	378956.832	3747495.047	17.70
LOCATION A0000203	AREA	378991.361	3747491.412	18.03
LOCATION A0000204	AREA	379005.816	3747484.439	18.76
LOCATION A0000205	AREA	379014.649	3747473.278	19.35
LOCATION A0000206	AREA	379019.795	3747464.416	19.29
LOCATION A0000207	AREA	379020.307	3747453.265	19.14
LOCATION A0000208	AREA	379020.809	3747445.572	19.49
LOCATION A0000209	AREA	379014.104	3747431.455	20.81
LOCATION A0000210	AREA	379003.951	3747421.613	21.52
LOCATION A0000211	AREA	378980.775	3747414.014	20.86
LOCATION A0000212	AREA	378954.466	3747408.925	20.69
LOCATION A0000213	AREA	378916.790	3747410.474	17.79

** End of LINE AREA Source ID = OFFS3

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = ONS1

** DESCRSRC Onsite Route

** PREFIX

** Length of Side = 11.00

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 1.0652E-10

** Nodes = 3

** 377203.501, 3745805.852, 22.12, 2.64

** 377198.382, 3745817.513, 22.13, 2.64

** 377198.382, 3745874.394, 22.22, 2.64

** -----

LOCATION A0000214	AREA	377208.537	3745808.063	22.07

LOCATION A0000215	AREA	377203.882	3745817.513	22.10

** End of LINE AREA Source ID = ONS1

** Source Parameters **

SRCPARAM PAREA1	2.11E-07	5.000	24			
AREAVERT PAREA1	377149.374	3745950.466	377149.359	3745914.910		
AREAVERT PAREA1	377331.602	3745914.002	377332.780	3745812.778		
AREAVERT PAREA1	377332.874	3745804.148	377237.551	3745804.179		
AREAVERT PAREA1	377226.216	3745805.742	377217.652	3745807.172		
AREAVERT PAREA1	377209.506	3745807.306	377202.665	3745805.058		
AREAVERT PAREA1	377199.297	3745802.419	377196.622	3745799.247		
AREAVERT PAREA1	377194.661	3745792.061	377194.462	3745788.731		
AREAVERT PAREA1	377194.462	3745785.146	377074.404	3745784.686		
AREAVERT PAREA1	377077.887	3745941.953	377078.539	3745949.682		
AREAVERT PAREA1	377080.886	3745952.454	377083.046	3745953.643		
AREAVERT PAREA1	377085.790	3745954.248	377090.078	3745954.008		
AREAVERT PAREA1	377107.052	3745951.454	377118.178	3745950.653		

** LINE AREA Source ID = OFFS1

SRCPARAM A0000153	7.0486E-11	2.644	10.989	16.000	70.710	2.459
SRCPARAM A0000154	7.0486E-11	2.644	85.703	16.000	90.260	2.459
SRCPARAM A0000155	7.0486E-11	2.644	85.703	16.000	90.260	2.459
SRCPARAM A0000156	7.0486E-11	2.644	144.441	16.000	-179.486	2.459
SRCPARAM A0000157	7.0486E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000158	7.0486E-11	2.644	116.130	16.000	-89.836	2.459

SRCPARAM A0000159	7.0486E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000160	7.0486E-11	2.644	17.410	16.000	14.323	2.459
SRCPARAM A0000161	7.0486E-11	2.644	50.352	16.000	7.784	2.459
SRCPARAM A0000162	7.0486E-11	2.644	125.798	16.000	0.163	2.459
SRCPARAM A0000163	7.0486E-11	2.644	125.798	16.000	0.163	2.459
SRCPARAM A0000164	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000165	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000166	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000167	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000168	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000169	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000170	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000171	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000172	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000173	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000174	7.0486E-11	2.644	1.845	16.000	26.565	2.459
SRCPARAM A0000175	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000176	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000177	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000178	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000179	7.0486E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000180	7.0486E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000181	7.0486E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000182	7.0486E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000183	7.0486E-11	2.644	24.412	16.000	-88.025	2.459
SRCPARAM A0000184	7.0486E-11	2.644	73.096	16.000	-78.043	2.459

** -----

** LINE AREA Source ID = OFFS2

SRCPARAM A0000185	5.3146E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000186	5.3146E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000187	5.3146E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000188	5.3146E-11	2.644	60.971	9.500	-90.486	2.459
SRCPARAM A0000189	5.3146E-11	2.644	41.903	9.500	-87.173	2.459
SRCPARAM A0000190	5.3146E-11	2.644	26.633	9.500	-71.917	2.459
SRCPARAM A0000191	5.3146E-11	2.644	24.124	9.500	-46.736	2.459
SRCPARAM A0000192	5.3146E-11	2.644	25.042	9.500	-21.801	2.459
SRCPARAM A0000193	5.3146E-11	2.644	17.636	9.500	-5.042	2.459
SRCPARAM A0000194	5.3146E-11	2.644	63.247	9.500	4.686	2.459
SRCPARAM A0000195	5.3146E-11	2.644	86.509	9.500	4.110	2.459

** -----

** LINE AREA Source ID = OFFS3

SRCPARAM A0000196	5.3129E-11	2.644	34.152	9.500	-72.387	2.459
SRCPARAM A0000197	5.3129E-11	2.644	19.877	9.500	-81.027	2.459
SRCPARAM A0000198	5.3129E-11	2.644	87.326	9.500	-90.678	2.459
SRCPARAM A0000199	5.3129E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000200	5.3129E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000201	5.3129E-11	2.644	57.362	9.500	1.032	2.459
SRCPARAM A0000202	5.3129E-11	2.644	36.404	9.500	6.520	2.459
SRCPARAM A0000203	5.3129E-11	2.644	18.025	9.500	27.300	2.459
SRCPARAM A0000204	5.3129E-11	2.644	15.090	9.500	51.953	2.459
SRCPARAM A0000205	5.3129E-11	2.644	12.249	9.500	62.354	2.459
SRCPARAM A0000206	5.3129E-11	2.644	11.379	9.500	87.397	2.459
SRCPARAM A0000207	5.3129E-11	2.644	9.817	9.500	90.000	2.459
SRCPARAM A0000208	5.3129E-11	2.644	17.330	9.500	116.565	2.459

SRCPARAM A0000209	5.3129E-11	2.644	16.092	9.500	137.603	2.459
SRCPARAM A0000210	5.3129E-11	2.644	24.999	9.500	161.940	2.459
SRCPARAM A0000211	5.3129E-11	2.644	27.868	9.500	169.315	2.459
SRCPARAM A0000212	5.3129E-11	2.644	37.750	9.500	-177.647	2.459
SRCPARAM A0000213	5.3129E-11	2.644	10.347	9.500	-177.138	2.459

** -----

** LINE AREA Source ID = ONS1

SRCPARAM A0000214	1.0652E-10	2.644	12.735	11.000	-113.703	2.459
SRCPARAM A0000215	1.0652E-10	2.644	56.881	11.000	-90.000	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 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PAREA1	HRDOW 1.0 1.0 1.0 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
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT A0000153	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000153	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000153	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000153	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000154	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000154	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000154	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000154	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000155	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000155	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000155	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000155	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000156	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000156	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000156	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000156	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000157	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000157	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000157	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000157	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000158	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000158	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000158	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000158	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EMISFACT A0000185	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000185	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000185	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000185	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000186	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000186	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000186	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000186	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000187	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000187	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000187	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000187	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000188	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000188	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000188	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0

EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

```
** WeekDays:
```

[illegible]

[illegible]

**** Sunday:**

EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

EMISFACT A0000210	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000210	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000214	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000215	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

INCLUDED 24_007_Torrance_Con.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.SFC

PROFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.PFL

SURFDATA 3167 2012 Hawthorne_Municipal_Airport

UAIRDATA 3190 2012

PROFBASE 20.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST 24_007_Torrance_Con.AD\01H1GALL.PLT 31

PLOTFILE PERIOD ALL 24_007_Torrance_Con.AD\PE00GALL.PLT 32

SUMMFILE 24_007_Torrance_Con.sum

OU FINISHED

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

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

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

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 1091 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1091 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

** 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 64 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9700000.0 ; 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: 64 Source(s); 1 Source Group(s); and 690 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 64 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) = 20.00 ; 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_007_Torrance_Con.err

**File for Summary of Results: 24_007_Torrance_Con.sum

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

NUMBER	EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM	Y-DIM	ORIENT.				
INIT.	URBAN	EMISSION RATE	AIRCRAFT								
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT OF AREA	OF AREA	OF AREA	SZ		
SOURCE	SCALAR	VARY									
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)		
(METERS)	BY										
A0000153	0	0.70486E-10	377196.3	3745803.0	22.1	2.64	10.99	16.00	70.71	2.46	YES
HRDOW	NO										
A0000154	0	0.70486E-10	377199.5	3745795.3	22.2	2.64	85.70	16.00	90.26	2.46	YES
HRDOW	NO										
A0000155	0	0.70486E-10	377199.1	3745709.6	22.1	2.64	85.70	16.00	90.26	2.46	YES
HRDOW	NO										
A0000156	0	0.70486E-10	377206.8	3745631.9	22.4	2.64	144.44	16.00	-179.49	2.46	YES
HRDOW	NO										
A0000157	0	0.70486E-10	377070.3	3745625.2	22.4	2.64	116.13	16.00	-89.84	2.46	YES
HRDOW	NO										
A0000158	0	0.70486E-10	377070.6	3745741.3	22.2	2.64	116.13	16.00	-89.84	2.46	YES
HRDOW	NO										
A0000159	0	0.70486E-10	377071.0	3745857.4	22.0	2.64	116.13	16.00	-89.84	2.46	YES
HRDOW	NO										
A0000160	0	0.70486E-10	377061.3	3745965.8	21.6	2.64	17.41	16.00	14.32	2.46	YES
HRDOW	NO										
A0000161	0	0.70486E-10	377079.1	3745961.3	21.5	2.64	50.35	16.00	7.78	2.46	YES
HRDOW	NO										
A0000162	0	0.70486E-10	377130.0	3745954.4	21.7	2.64	125.80	16.00	0.16	2.46	YES
HRDOW	NO										
A0000163	0	0.70486E-10	377255.8	3745954.1	21.1	2.64	125.80	16.00	0.16	2.46	YES
HRDOW	NO										
A0000164	0	0.70486E-10	377381.6	3745953.7	20.7	2.64	139.50	16.00	0.51	2.46	YES
HRDOW	NO										
A0000165	0	0.70486E-10	377521.1	3745952.5	20.6	2.64	139.50	16.00	0.51	2.46	YES

A0000193 NO	0	0.53146E-10	378736.1	3747376.7	21.2	2.64	17.64	9.50	-5.04	2.46	YES	HRDOW
A0000194 NO	0	0.53146E-10	378752.9	3747378.3	21.5	2.64	63.25	9.50	4.69	2.46	YES	HRDOW
A0000195 NO	0	0.53146E-10	378816.0	3747373.1	20.9	2.64	86.51	9.50	4.11	2.46	YES	HRDOW
A0000196 HRDOW	0	0.53129E-10	378891.1	3747225.5	17.5	2.64	34.15	9.50	-72.39	2.46	YES	
A0000197 HRDOW	0	0.53129E-10	378901.6	3747258.8	17.4	2.64	19.88	9.50	-81.03	2.46	YES	
A0000198 HRDOW	0	0.53129E-10	378904.8	3747279.2	17.3	2.64	87.33	9.50	-90.68	2.46	YES	
A0000199 HRDOW	0	0.53129E-10	378903.7	3747366.4	17.3	2.64	67.17	9.50	-89.56	2.46	YES	
A0000200 HRDOW	0	0.53129E-10	378904.3	3747433.6	17.2	2.64	67.17	9.50	-89.56	2.46	YES	
A0000201 NO	0	0.53129E-10	378899.9	3747496.1	17.2	2.64	57.36	9.50	1.03	2.46	YES	HRDOW
A0000202 NO	0	0.53129E-10	378956.8	3747495.0	17.7	2.64	36.40	9.50	6.52	2.46	YES	HRDOW
A0000203 NO	0	0.53129E-10	378991.4	3747491.4	18.0	2.64	18.02	9.50	27.30	2.46	YES	HRDOW
A0000204 NO	0	0.53129E-10	379005.8	3747484.4	18.8	2.64	15.09	9.50	51.95	2.46	YES	HRDOW
A0000205 NO	0	0.53129E-10	379014.6	3747473.3	19.4	2.64	12.25	9.50	62.35	2.46	YES	HRDOW
A0000206 NO	0	0.53129E-10	379019.8	3747464.4	19.3	2.64	11.38	9.50	87.40	2.46	YES	HRDOW
A0000207 NO	0	0.53129E-10	379020.3	3747453.3	19.1	2.64	9.82	9.50	90.00	2.46	YES	HRDOW
A0000208 HRDOW	0	0.53129E-10	379020.8	3747445.6	19.5	2.64	17.33	9.50	116.56	2.46	YES	
A0000209 HRDOW	0	0.53129E-10	379014.1	3747431.5	20.8	2.64	16.09	9.50	137.60	2.46	YES	
A0000210 HRDOW	0	0.53129E-10	379004.0	3747421.6	21.5	2.64	25.00	9.50	161.94	2.46	YES	

A0000211 0 0.53129E-10 378980.8 3747414.0 20.9 2.64 27.87 9.50 169.31 2.46 YES
HRDOW NO
A0000212 0 0.53129E-10 378954.5 3747408.9 20.7 2.64 37.75 9.50 -177.65 2.46 YES
HRDOW NO
A0000213 0 0.53129E-10 378916.8 3747410.5 17.8 2.64 10.35 9.50 -177.14 2.46 YES
HRDOW NO
A0000214 0 0.10652E-09 377208.5 3745808.1 22.1 2.64 12.73 11.00 -113.70 2.46 YES
HRDOW NO
A0000215 0 0.10652E-09 377203.9 3745817.5 22.1 2.64 56.88 11.00 -90.00 2.46 YES
HRDOW NO

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

NUMBER EMISSION RATE LOCATION OF AREA BASE RELEASE NUMBER INIT. URBAN
EMISSION RATE AIRCRAFT
SOURCE PART. (GRAMS/SEC X Y ELEV. HEIGHT OF VERTS. SZ SOURCE SCALAR
VARY
ID CATS. /METER**2) (METERS) (METERS) (METERS) (METERS) (METERS) BY

PAREA1 0 0.21100E-06 377149.4 3745950.5 21.8 5.00 24 0.00 YES HRDOW NO
*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs

ALL PAREA1 , A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 ,
A0000159 ,

A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167
,

A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175
,

A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183
,

A0000184 , A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191
,

A0000192 , A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199
,
A0000200 , A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207
,
A0000208 , A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000214 , A0000215
,
*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20
PAGE 6
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
9700000. PAREA1		A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 , A0000159 ,
A0000160		A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167
A0000168		A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175
A0000176		A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183
A0000184		A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191
A0000192		A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199
A0000200		A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207
A0000208		A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000214 , A0000215
*** AERMOD - VERSION 23132 ***	*** C:\Lakes\AERMOD	
View\24_007_Torrance_Con\24_007_Torrance_Con.isc	*** 09/18/24	
*** AERMET - VERSION 16216 ***	***	16:26:20
	PAGE 7	
*** 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 :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 *** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
 View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
 *** AERMET - VERSION 16216 *** *** *** 16:26:20
 PAGE 8
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *
 SOURCE ID = A0000153 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000154 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000155 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** *** 16:26:20

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000156 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000157 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000158 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000159 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(HRDOW) *

SOURCE ID = A0000160 ; 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 .0000E+00 8
.1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000161 ; 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 .0000E+00 8
.1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 17

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000162 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000163 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000164 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000165 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 21

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000166 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 22

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000167 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 23

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000168 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000169 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000170 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000171 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 27

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000172 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **
*** 16:26:20
PAGE 28
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000173 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **
*** 16:26:20
PAGE 29
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000174 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000175 ; SOURCE TYPE = AREA ;
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000176 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 32

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000177 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 33

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000178 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 34

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000179 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 *** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
 View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
 *** AERMET - VERSION 16216 *** *** *** 16:26:20
 PAGE 35
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *
 SOURCE ID = A0000180 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 36

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000181 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000182 ; 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 .0000E+00 8

.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** *** 16:26:20

PAGE 38

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000183 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000184 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000185 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000186 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 42

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(HRDOW) *

SOURCE ID = A0000187 ; 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 .0000E+00 8
.1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000188 ; 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 .0000E+00 8
.1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 44

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000189 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 45

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000190 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000191 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
 SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **

*** 16:26:20

PAGE 47

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000192 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **

*** 16:26:20

PAGE 48

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000193 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 49

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000194 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 50

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000195 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** *** *** 16:26:20

PAGE 51

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000196 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000197 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 53

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000198 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 54

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000199 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **
*** 16:26:20
PAGE 55
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000200 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **
*** 16:26:20
PAGE 56
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000201 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 57

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000202 ; SOURCE TYPE = AREA :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000203 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 ***

*** 16:26:20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000204 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 60

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000205 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 61

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000206 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
 View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
 *** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 62

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000207 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

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

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8

.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 63

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000208 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 64

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000209 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** *** 16:26:20

PAGE 65

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000210 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000211 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR-----
DAY OF WEEK = WEEKDAY1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.1000E+019 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+0017 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+009 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+0017 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+009 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+0017 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000212 ; SOURCE TYPE = AREA :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR-----
DAY OF WEEK = WEEKDAY1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.1000E+019 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+0017 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 68

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000213 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 69

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(HRDOW) *

SOURCE ID = A0000214 ; 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 .0000E+00 8
.1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = A0000215 ; 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 .0000E+00 8
.1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 71

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

376369.8, 376510.8, 376651.9, 376792.9, 376934.0, 377075.0, 377216.1, 377357.1, 377498.2, 377639.2,
377780.3, 377921.3, 378062.4, 378203.4, 378344.5, 378485.5, 378626.6, 378767.6, 378908.7, 379049.7,
379190.8, 379331.8, 379472.9, 379613.9, 379755.0,

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

3744808.4, 3744936.0, 3745063.7, 3745191.4, 3745319.0, 3745446.7, 3745574.4, 3745702.0, 3745829.7,
3745957.4,
3746085.1, 3746212.7, 3746340.4, 3746468.1, 3746595.7, 3746723.4, 3746851.1, 3746978.8, 3747106.4,
3747234.1,
3747361.8, 3747489.4, 3747617.1, 3747744.8, 3747872.4,

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 72

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
377498.19	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14	

3747872.44	21.30	20.60	20.30	19.60	18.40	18.50	21.20	21.10	24.50
3747744.77	22.20	21.80	20.80	19.60	18.70	18.70	20.20	20.70	20.10
3747617.10	21.10	20.70	21.60	20.00	18.70	18.80	19.40	20.20	19.70
3747489.43	21.20	20.40	19.90	19.30	18.60	18.40	18.40	19.90	20.10
3747361.76	21.70	20.70	19.90	20.20	20.00	18.70	18.10	19.00	20.10
3747234.09	21.80	21.30	20.30	19.50	19.10	18.50	17.90	18.60	19.80
3747106.42	22.30	22.20	20.70	19.60	19.30	18.80	20.00	21.90	21.00

3746978.75	21.90	20.90	20.40	19.60	19.30	18.30	20.00	13.90	20.10
3746851.08	21.00	21.00	19.50	19.20	19.10	16.80	18.10	16.40	17.80
3746723.41	21.00	20.50	19.90	19.40	19.00	18.40	18.80	18.00	18.40
3746595.74	22.80	21.40	20.70	20.40	20.70	19.90	18.40	19.40	17.30
3746468.07	22.40	22.10	20.50	21.20	21.20	20.30	19.30	19.50	19.40
3746340.40	22.70	22.60	22.00	21.80	21.50	20.60	19.90	19.70	20.10
3746212.73	23.90	22.30	22.30	22.10	21.20	21.00	20.50	20.00	18.90
3746085.06	23.30	22.10	22.00	21.90	22.10	21.50	21.70	20.60	19.50
3745957.39	21.60	23.20	22.60	21.90	22.00	21.60	21.20	20.80	20.60
3745829.72	25.20	22.90	22.90	22.20	22.10	22.10	22.10	21.40	21.70
3745702.05	24.90	24.60	19.60	22.10	22.50	22.30	22.40	22.40	22.30
3745574.38	25.80	25.30	24.90	21.70	21.00	22.70	22.90	22.50	22.60
3745446.71	25.00	24.50	24.20	24.20	21.20	22.80	21.80	22.30	23.10
3745319.04	24.70	25.20	24.80	24.20	24.60	23.60	23.90	23.30	22.80
3745191.37	26.30	28.00	27.40	26.10	26.30	27.50	28.10	26.00	23.50
3745063.70	28.30	29.40	30.10	30.00	29.80	28.40	29.70	28.40	26.20
3744936.03	30.20	30.00	30.70	32.10	31.20	29.30	29.40	29.10	28.30
3744808.36	27.50	27.80	27.70	27.40	27.30	27.10	26.80	26.70	26.40

*** AERMOD - VERSION 23132 ***

C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc

*** 09/18/24

*** AERMET - VERSION 16216 ***

16:26:20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD |

X-COORD (METERS)

(METERS) |

377639.24

377780.29

377921.34

378062.39

378203.44

378344.49

378485.54

378626.59

378767.64

3747872.44	20.10	19.20	19.10	20.00	19.20	18.60	18.40	17.80	17.70
3747744.77	19.60	23.20	19.40	20.30	19.20	18.70	18.60	18.00	17.40
3747617.10	19.60	19.50	19.40	22.70	24.80	18.80	18.60	18.40	17.90
3747489.43	19.90	19.50	19.30	19.50	19.30	20.30	22.50	18.60	18.40
3747361.76	19.60	19.30	19.20	19.40	20.00	20.20	19.80	19.20	18.40
3747234.09	19.10	18.20	18.80	19.60	19.80	19.40	19.00	18.50	18.00
3747106.42	22.30	17.50	20.50	22.90	20.50	20.80	20.00	19.10	19.00
3746978.75	20.50	17.60	15.30	20.60	19.60	20.40	20.30	19.90	18.70
3746851.08	17.00	17.40	18.00	18.80	19.50	18.60	19.00	19.00	18.70
3746723.41	17.70	17.00	16.50	17.20	19.40	20.00	19.00	18.50	18.60
3746595.74	16.70	16.00	15.30	16.40	18.70	20.10	19.60	19.20	19.30
3746468.07	19.30	17.40	15.30	15.80	18.10	17.90	17.90	19.20	18.60
3746340.40	18.40	18.60	17.40	15.20	17.10	17.10	17.30	17.50	18.30
3746212.73	17.50	18.80	16.60	17.00	17.10	16.50	16.60	17.70	18.20
3746085.06	18.50	17.90	16.80	17.60	16.10	16.20	16.60	17.90	17.70
3745957.39	20.50	18.90	16.40	16.90	15.80	15.40	15.40	16.90	17.70
3745829.72	21.70	21.30	20.00	17.30	16.70	16.80	15.80	17.00	17.40
3745702.05	22.20	21.80	20.80	23.20	17.90	17.10	15.10	16.20	17.00
3745574.38	22.60	21.40	21.30	18.30	17.80	18.80	14.80	16.50	17.50
3745446.71	23.00	21.40	21.30	18.70	18.90	18.10	19.80	15.40	16.60
3745319.04	22.40	21.90	21.50	19.20	18.80	19.60	21.00	17.60	16.00

Y-COORD | X-COORD (METERS)

(METERS) | 376369.79 376510.84 376651.89 376792.94 376933.99 377075.04 377216.09 377357.14
377498.19

3747872.44	21.30	20.60	20.30	19.60	18.40	18.50	21.20	26.50	24.50
3747744.77	22.20	21.80	20.80	19.60	18.70	18.70	20.20	20.70	20.10
3747617.10	21.10	20.70	21.60	20.00	18.70	18.80	19.40	20.20	19.70
3747489.43	21.20	20.40	19.90	19.30	18.60	18.40	18.40	19.90	20.10
3747361.76	21.70	20.70	19.90	20.20	20.00	18.70	18.10	19.00	20.10
3747234.09	21.80	21.30	20.30	19.50	19.10	18.50	17.90	18.60	19.80
3747106.42	22.30	22.20	20.70	19.60	19.30	18.80	20.00	21.90	21.00
3746978.75	21.90	20.90	20.40	19.60	19.30	18.30	20.00	20.60	20.10
3746851.08	21.00	21.00	19.50	19.20	19.10	18.10	18.10	16.40	17.80
3746723.41	21.00	20.50	19.90	19.40	19.00	18.40	18.80	18.00	18.40
3746595.74	22.80	21.40	20.70	20.40	20.70	19.90	18.40	19.40	17.30
3746468.07	22.40	22.10	20.50	21.20	21.20	20.30	19.30	19.50	19.40
3746340.40	22.70	22.60	22.00	21.80	21.50	20.60	19.90	22.70	20.10
3746212.73	23.90	22.30	22.30	22.10	21.20	21.00	20.50	20.00	22.30
3746085.06	34.30	22.10	22.00	21.90	22.10	21.50	21.70	20.60	19.50
3745957.39	34.30	23.20	22.60	21.90	22.00	21.60	21.20	20.80	20.60
3745829.72	25.20	22.90	22.90	22.20	22.10	22.10	22.10	21.40	21.70
3745702.05	24.90	24.60	23.00	22.10	22.50	22.30	22.40	22.40	22.30
3745574.38	25.80	25.30	24.90	21.70	21.00	22.70	22.90	22.50	22.60
3745446.71	25.00	24.50	24.20	24.20	26.10	22.80	21.80	22.30	23.10
3745319.04	24.70	25.20	24.80	24.20	24.60	28.90	23.90	23.30	22.80
3745191.37	26.30	28.00	27.40	26.10	26.30	28.60	28.10	26.00	23.50
3745063.70	28.30	29.40	30.10	30.00	29.80	28.40	29.70	28.40	26.20
3744936.03	30.20	30.00	30.70	32.10	31.20	29.30	29.40	29.10	28.30
3744808.36	27.50	27.80	27.70	27.40	27.30	27.10	26.80	26.70	26.40

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 76

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59	

378767.64

3747872.44	20.10	19.20	19.10	20.00	19.20	18.60	18.40	17.80	17.70
3747744.77	19.60	23.20	25.00	20.30	19.20	18.70	18.60	18.00	17.40
3747617.10	19.60	19.50	19.40	26.20	25.90	18.80	18.60	18.40	17.90
3747489.43	19.90	19.50	19.30	19.50	19.30	24.00	22.50	18.60	18.40
3747361.76	19.60	19.30	19.20	19.40	20.00	20.20	19.80	19.20	24.30
3747234.09	19.10	18.20	18.80	19.60	19.80	19.40	19.00	18.50	18.00
3747106.42	22.30	24.30	20.50	22.90	20.50	20.80	20.00	19.10	19.00
3746978.75	20.50	22.90	22.90	24.50	19.60	20.40	20.30	19.90	18.70
3746851.08	17.00	17.40	24.40	18.80	19.50	18.60	19.00	19.00	18.70
3746723.41	17.70	17.00	16.50	17.20	19.40	20.00	19.00	18.50	18.60

3746595.74	16.70	16.00	15.30	16.40	18.70	20.10	19.60	19.20	19.30
3746468.07	19.30	17.40	15.30	15.80	18.10	17.90	17.90	19.20	18.60
3746340.40	21.30	18.60	17.40	15.20	17.10	17.10	17.30	17.50	18.30
3746212.73	17.50	18.80	16.60	17.00	17.10	16.50	16.60	17.70	18.20
3746085.06	18.50	20.00	16.80	17.60	16.10	16.20	16.60	17.90	17.70
3745957.39	20.50	18.90	16.40	16.90	15.80	15.40	15.40	16.90	17.70
3745829.72	21.70	21.30	20.00	17.30	16.70	16.80	15.80	17.00	17.40
3745702.05	22.20	21.80	20.80	23.20	17.90	17.10	15.10	16.20	17.00
3745574.38	22.60	21.40	21.30	18.30	17.80	18.80	14.80	16.50	17.50
3745446.71	23.00	21.40	21.30	18.70	18.90	18.10	19.80	15.40	16.60
3745319.04	22.40	21.90	21.50	19.20	18.80	19.60	21.00	20.90	16.00
3745191.37	22.70	22.20	22.10	21.50	20.10	19.60	20.90	18.00	15.50
3745063.70	24.90	23.30	21.50	20.70	20.00	19.60	20.50	20.10	13.10
3744936.03	26.00	23.80	23.40	22.70	21.60	20.80	18.30	20.90	12.00
3744808.36	25.90	25.40	24.50	23.20	22.10	20.50	19.00	18.40	16.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 *** 16:26:20

PAGE 77

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	16.50	16.60	16.50	16.20	16.00	15.30	14.80
3747744.77	16.80	17.20	16.70	16.20	15.60	15.10	14.90
3747617.10	16.90	17.00	16.50	16.20	15.70	15.40	15.10
3747489.43	17.10	18.00	16.80	16.40	16.10	15.60	14.80
3747361.76	24.40	21.50	19.70	18.30	19.60	21.60	23.30
3747234.09	17.40	16.90	16.70	16.00	15.70	15.20	15.00
3747106.42	18.50	17.90	18.00	16.40	16.70	15.70	16.40
3746978.75	18.60	17.40	18.20	17.20	17.80	16.00	16.20
3746851.08	18.60	17.40	18.00	17.40	17.60	17.00	16.50
3746723.41	18.70	17.60	18.40	17.40	17.10	16.50	17.40
3746595.74	18.70	17.30	17.80	17.80	17.20	16.30	17.00
3746468.07	18.70	17.60	17.80	17.90	17.00	16.30	16.90
3746340.40	18.80	17.70	17.40	18.10	17.00	17.30	16.90
3746212.73	17.40	17.30	17.40	17.90	15.60	15.20	15.30
3746085.06	17.50	17.60	17.60	16.80	15.50	15.60	14.50
3745957.39	16.10	15.70	16.30	15.80	14.80	14.80	13.60
3745829.72	17.20	15.90	13.80	14.50	15.30	14.70	12.80
3745702.05	17.80	17.20	16.80	13.80	14.00	13.70	13.60
3745574.38	17.40	16.40	16.00	15.40	13.70	13.60	13.40
3745446.71	16.10	15.90	15.10	14.90	14.30	13.10	12.90
3745319.04	15.50	14.50	15.00	14.90	14.20	14.30	13.30
3745191.37	16.50	15.30	14.10	15.00	13.90	13.40	13.60
3745063.70	15.10	15.30	14.40	13.10	13.00	13.10	12.90
3744936.03	12.20	13.90	14.80	13.50	11.60	11.90	12.10
3744808.36	14.50	11.30	8.90	10.00	10.70	11.20	11.20

*** 16:26:20

*** 16:26:20

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 1111111111 1111111111 1111111111 1111111111
1111111111 111111

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

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** 16:26:20

PAGE 80

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.SFC Met Version:
16216
Profile file: ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3167 Upper air station no.: 3190
Name: HAWTHORNE_MUNICIPAL_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	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	283.8	2.0
12	01	01	1	02	-2.1	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	305.	7.9	283.1	2.0
12	01	01	1	03	-9.0	0.127	-9.000	-9.000	-999.	109.	20.8	0.24	2.79	1.00	1.18	323.	7.9	282.5	2.0
12	01	01	1	04	-2.2	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	296.	7.9	282.0	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	06	-6.0	0.103	-9.000	-9.000	-999.	80.	16.7	0.24	2.79	1.00	0.97	321.	7.9	281.4	2.0
12	01	01	1	07	-4.3	0.088	-9.000	-9.000	-999.	63.	14.4	0.24	2.79	1.00	0.82	313.	7.9	280.4	2.0
12	01	01	1	08	15.7	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	0.55	0.00	0.	7.9	281.4	2.0
12	01	01	1	09	35.7	0.115	0.353	0.013	45.	93.	-3.8	0.24	2.79	0.32	0.63	179.	7.9	285.4	2.0
12	01	01	1	10	109.0	0.141	0.727	0.009	128.	127.	-2.3	0.24	2.79	0.24	0.70	170.	7.9	289.2	2.0
12	01	01	1	11	164.4	0.149	1.186	0.005	370.	138.	-1.8	0.24	2.79	0.21	0.70	222.	7.9	297.0	2.0
12	01	01	1	12	191.7	0.163	1.525	0.005	672.	158.	-2.1	0.24	2.79	0.20	0.79	12.	7.9	299.9	2.0
12	01	01	1	13	191.3	0.170	1.819	0.005	1144.	168.	-2.3	0.24	2.79	0.20	0.84	260.	7.9	300.9	2.0
12	01	01	1	14	161.6	0.344	1.852	0.005	1428.	483.	-22.7	0.24	2.79	0.21	2.49	260.	7.9	298.8	2.0
12	01	01	1	15	105.0	0.367	1.638	0.005	1521.	534.	-42.8	0.24	2.79	0.24	2.84	292.	7.9	293.8	2.0
12	01	01	1	16	29.7	0.383	1.079	0.005	1539.	570.	-172.5	0.24	2.79	0.33	3.22	276.	7.9	290.4	2.0
12	01	01	1	17	-24.8	0.287	-9.000	-9.000	-999.	374.	90.3	0.24	2.79	0.59	2.52	284.	7.9	289.2	2.0

12	01	01	1	18	-26.7	0.269	-9.000	-9.000	-999.	336.	79.8	0.24	2.79	1.00	2.38	285.	7.9	287.5	2.0
12	01	01	1	19	-10.2	0.137	-9.000	-9.000	-999.	133.	22.7	0.24	2.79	1.00	1.26	287.	7.9	287.5	2.0
12	01	01	1	20	-6.2	0.106	-9.000	-9.000	-999.	83.	17.2	0.24	2.79	1.00	0.99	303.	7.9	287.0	2.0
12	01	01	1	21	-7.6	0.117	-9.000	-9.000	-999.	96.	19.1	0.24	2.79	1.00	1.09	326.	7.9	286.4	2.0
12	01	01	1	22	-6.8	0.110	-9.000	-9.000	-999.	88.	18.0	0.24	2.79	1.00	1.03	297.	7.9	285.9	2.0
12	01	01	1	23	-19.9	0.200	-9.000	-9.000	-999.	214.	43.9	0.24	2.79	1.00	1.79	290.	7.9	285.9	2.0
12	01	01	1	24	-19.6	0.196	-9.000	-9.000	-999.	209.	42.3	0.24	2.79	1.00	1.76	282.	7.9	285.9	2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

12 01 01 01 7.9 1 -999. -99.00 283.8 99.0 -99.00 -99.00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 81

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

,

A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

,

A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

,

A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)							
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14
377498.19								

3747872.44	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006
0.00006								
3747744.77	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006
0.00006								
3747617.10	0.00008	0.00008	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007
0.00007								
3747489.43	0.00009	0.00009	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008
0.00008								
3747361.76	0.00010	0.00010	0.00010	0.00010	0.00010	0.00009	0.00009	0.00009
0.00008								
3747234.09	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00010	0.00010
0.00010								
3747106.42	0.00012	0.00013	0.00013	0.00013	0.00013	0.00013	0.00012	0.00012
0.00011								
3746978.75	0.00014	0.00015	0.00016	0.00016	0.00016	0.00015	0.00015	0.00014

0.00013								
3746851.08	0.00016	0.00018	0.00019	0.00020	0.00020	0.00019	0.00018	0.00017
0.00016								
3746723.41	0.00019	0.00021	0.00023	0.00025	0.00026	0.00025	0.00024	0.00022
0.00021								
3746595.74	0.00022	0.00026	0.00030	0.00033	0.00035	0.00035	0.00033	0.00031
0.00029								
3746468.07	0.00026	0.00032	0.00039	0.00046	0.00052	0.00053	0.00050	0.00046
0.00044								
3746340.40	0.00031	0.00039	0.00051	0.00067	0.00083	0.00089	0.00085	0.00078
0.00079								
3746212.73	0.00035	0.00048	0.00068	0.00101	0.00145	0.00177	0.00174	0.00168
0.00180								
3746085.06	0.00039	0.00056	0.00087	0.00149	0.00281	0.00470	0.00534	0.00547
0.00517								
3745957.39	0.00041	0.00060	0.00099	0.00194	0.00514	0.03432	0.04427	0.02989
0.01320								
3745829.72	0.00039	0.00058	0.00096	0.00188	0.00533	0.05466	0.12832	0.06221
0.01129								
3745702.05	0.00036	0.00052	0.00081	0.00143	0.00307	0.00747	0.00867	0.00542
0.00308								
3745574.38	0.00032	0.00044	0.00064	0.00103	0.00175	0.00265	0.00278	0.00203
0.00130								
3745446.71	0.00028	0.00037	0.00052	0.00076	0.00111	0.00140	0.00140	0.00113
0.00082								
3745319.04	0.00025	0.00032	0.00043	0.00059	0.00076	0.00087	0.00085	0.00072
0.00058								
3745191.37	0.00022	0.00027	0.00035	0.00046	0.00056	0.00062	0.00056	0.00050
0.00043								
3745063.70	0.00019	0.00024	0.00030	0.00039	0.00045	0.00045	0.00041	0.00036
0.00033								
3744936.03	0.00017	0.00021	0.00027	0.00033	0.00036	0.00035	0.00031	0.00028
0.00026								
3744808.36	0.00016	0.00020	0.00024	0.00028	0.00029	0.00028	0.00026	0.00024
0.00022								

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 82

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)							
	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59
378767.64								

3747872.44 0.00005	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
3747744.77 0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3747617.10 0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
3747489.43 0.00008	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
3747361.76 0.00009	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00009
3747234.09 0.00012	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009	0.00010	0.00010
3747106.42 0.00013	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011	0.00012	0.00012
3746978.75 0.00016	0.00013	0.00013	0.00013	0.00013	0.00014	0.00014	0.00015	0.00015
3746851.08 0.00021	0.00016	0.00016	0.00016	0.00017	0.00018	0.00019	0.00019	0.00020
3746723.41 0.00027	0.00021	0.00021	0.00022	0.00023	0.00024	0.00026	0.00026	0.00027
3746595.74 0.00034	0.00029	0.00030	0.00032	0.00034	0.00036	0.00037	0.00036	0.00035
3746468.07 0.00041	0.00046	0.00049	0.00053	0.00055	0.00054	0.00052	0.00049	0.00045
3746340.40 0.00046	0.00085	0.00091	0.00092	0.00087	0.00079	0.00070	0.00061	0.00053
3746212.73 0.00048	0.00188	0.00176	0.00153	0.00126	0.00103	0.00084	0.00069	0.00057
3746085.06 0.00046	0.00412	0.00298	0.00213	0.00155	0.00116	0.00089	0.00070	0.00056
3745957.39 0.00043	0.00640	0.00360	0.00226	0.00154	0.00110	0.00083	0.00065	0.00053
3745829.72 0.00034	0.00483	0.00266	0.00168	0.00115	0.00084	0.00063	0.00050	0.00040
3745702.05 0.00026	0.00199	0.00137	0.00098	0.00073	0.00057	0.00045	0.00037	0.00031
3745574.38 0.00020	0.00091	0.00069	0.00055	0.00045	0.00037	0.00031	0.00027	0.00023
3745446.71 0.00016	0.00059	0.00045	0.00036	0.00030	0.00025	0.00022	0.00019	0.00017
3745319.04 0.00012	0.00045	0.00035	0.00028	0.00023	0.00019	0.00017	0.00015	0.00013
3745191.37 0.00010	0.00036	0.00029	0.00024	0.00019	0.00016	0.00014	0.00012	0.00011
3745063.70 0.00009	0.00029	0.00025	0.00021	0.00017	0.00015	0.00013	0.00011	0.00010
3744936.03 0.00008	0.00024	0.00021	0.00018	0.00016	0.00013	0.00012	0.00010	0.00009

3744808.36 | 0.00020 0.00018 0.00016 0.00014 0.00012 0.00011 0.00009 0.00008
0.00007

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 83

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD | X-COORD (METERS)

(METERS) | 378908.69 379049.74 379190.79 379331.84 379472.89 379613.94 379754.99

3747872.44	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006
3747744.77	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
3747617.10	0.00007	0.00007	0.00007	0.00007	0.00007	0.00008	0.00008
3747489.43	0.00009	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009
3747361.76	0.00010	0.00009	0.00010	0.00010	0.00010	0.00010	0.00010
3747234.09	0.00012	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012
3747106.42	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014
3746978.75	0.00017	0.00017	0.00017	0.00017	0.00016	0.00016	0.00016
3746851.08	0.00021	0.00021	0.00020	0.00020	0.00019	0.00018	0.00018
3746723.41	0.00027	0.00025	0.00024	0.00023	0.00022	0.00020	0.00019
3746595.74	0.00032	0.00030	0.00027	0.00025	0.00023	0.00022	0.00020
3746468.07	0.00038	0.00033	0.00030	0.00027	0.00025	0.00022	0.00020
3746340.40	0.00041	0.00035	0.00031	0.00028	0.00025	0.00022	0.00020
3746212.73	0.00042	0.00035	0.00030	0.00027	0.00024	0.00021	0.00019
3746085.06	0.00039	0.00033	0.00028	0.00025	0.00022	0.00019	0.00017
3745957.39	0.00035	0.00029	0.00025	0.00022	0.00019	0.00017	0.00015
3745829.72	0.00028	0.00024	0.00021	0.00019	0.00017	0.00015	0.00013
3745702.05	0.00023	0.00020	0.00018	0.00016	0.00014	0.00013	0.00012
3745574.38	0.00018	0.00016	0.00014	0.00013	0.00012	0.00011	0.00010
3745446.71	0.00014	0.00013	0.00012	0.00011	0.00010	0.00009	0.00009
3745319.04	0.00011	0.00010	0.00010	0.00009	0.00008	0.00008	0.00007
3745191.37	0.00009	0.00009	0.00008	0.00007	0.00007	0.00007	0.00006
3745063.70	0.00008	0.00007	0.00007	0.00006	0.00006	0.00006	0.00005
3744936.03	0.00007	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005
3744808.36	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005	0.00004

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 ***

*** 16:26:20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
377157.27	3745932.86	0.09714	377175.10	3745925.76	0.09983
377190.51	3745923.94	0.09756	377202.87	3745925.76	0.09156
377221.11	3745927.18	0.08637	377235.71	3745925.36	0.08907
377246.45	3745921.91	0.09558	377264.08	3745921.71	0.09423
377280.50	3745921.71	0.09179	377293.87	3745920.49	0.09123
377310.90	3745922.12	0.08196	377325.29	3745926.58	0.06771
377343.94	3745923.33	0.06362	377358.73	3745923.33	0.05407
377371.41	3745922.05	0.04698	377385.69	3745925.97	0.03810
377143.82	3745984.97	0.02711	377157.60	3745985.38	0.02723
377187.60	3745984.97	0.02710	377216.78	3745985.17	0.02564
377248.81	3745983.15	0.02517	377279.62	3745983.75	0.02357
377322.22	3745982.87	0.02180	377369.00	3745982.34	0.01946
377097.47	3745290.81	0.00080	377139.52	3745293.09	0.00080
377174.87	3745293.09	0.00079	377235.18	3745291.69	0.00076
377299.15	3745287.76	0.00071	377328.61	3745289.45	0.00069
377359.26	3745291.56	0.00066	377429.46	3745982.41	0.01568
377469.41	3745980.43	0.01335	377500.10	3745981.42	0.01148
377531.46	3745980.10	0.00998	377567.44	3745977.46	0.00853
377600.12	3745978.12	0.00734	377627.85	3745979.11	0.00649
377705.42	3745979.77	0.00472	377734.46	3745977.79	0.00424
377780.02	3745980.43	0.00359	377812.36	3745978.12	0.00321
377856.60	3745976.14	0.00278	377895.22	3745974.49	0.00246
377735.45	3745941.48	0.00422	377814.34	3745942.47	0.00314
377773.41	3745936.53	0.00362	377671.09	3745939.83	0.00555
377634.45	3745937.52	0.00659	377585.60	3745941.48	0.00844
377572.06	3745940.16	0.00909	377525.85	3745939.17	0.01190
378905.23	3745961.79	0.00035	378905.83	3745921.75	0.00033
378887.76	3745843.80	0.00030	378641.43	3747296.68	0.00009
377346.58	3745857.72	0.09084	377222.46	3745780.01	0.04259
377185.56	3745779.45	0.04764	377106.17	3745766.03	0.02728
377287.74	3745779.61	0.03181	377219.40	3745700.53	0.00845
377324.76	3745779.63	0.02526	377192.94	3745640.24	0.00469
377124.96	3745640.98	0.00466			

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)				
	376369.79	376510.84	376651.89	376792.94	376933.99

3747872.4 (14120908)	0.05827 (15010808)	0.05638 (15010808)	0.05327 (15020508)	0.05555 (15020508)	0.05962
3747744.8 (14120908)	0.06336 (15010808)	0.06291 (15010808)	0.05777 (15010808)	0.06059 (15020508)	0.06438
3747617.1 (14120908)	0.06845 (15010808)	0.07000 (15010808)	0.06594 (15010808)	0.06628 (15020508)	0.06967
3747489.4 (14120908)	0.07332 (15010808)	0.07760 (15010808)	0.07533 (15010808)	0.07261 (15020508)	0.07582
3747361.8 (14120908)	0.07762 (15010808)	0.08552 (15010808)	0.08599 (15010808)	0.07974 (15020508)	0.08284
3747234.1 (15020508)	0.08082 (15010808)	0.09341 (15010808)	0.09797 (15010808)	0.09166 (15010808)	0.09311
3747106.4 (15020508)	0.08576 (15021208)	0.10071 (15010808)	0.11110 (15010808)	0.10847 (15010808)	0.10607
3746978.8 (15020508)	0.09619 (15021208)	0.10638 (15010808)	0.12495 (15010808)	0.12862 (15010808)	0.12175
3746851.1 (15010808)	0.10553 (14012808)	0.11631 (15021208)	0.13845 (15010808)	0.15244 (15010808)	0.14097
3746723.4 (15010808)	0.12168 (14012808)	0.13116 (15021208)	0.14976 (15010808)	0.17976 (15010808)	0.17779
3746595.7 (15010808)	0.14023 (12123108)	0.15363 (14012808)	0.17013 (15021208)	0.20911 (15010808)	0.22709
3746468.1 (15010808)	0.16219 (12123108)	0.18247 (12123108)	0.20269 (14012808)	0.23604 (15010808)	0.29234
3746340.4 (15010808)	0.18154 (13012108)	0.21448 (14010708)	0.25241 (12123108)	0.28541 (14012808)	0.37574
3746212.7 (15010808)	0.20189 (13012108)	0.25086 (13012108)	0.30752 (12010208)	0.38585 (12123108)	0.46896
3746085.1 (12123108)	0.18861 (13021108)	0.25890 (13012108)	0.36344 (13012108)	0.50778 (13012108)	0.71902
3745957.4 (13012108)	0.21563 (12011008)	0.27456 (12011008)	0.36748 (12011008)	0.54301 (13012108)	1.07256

3745829.7 (12013008)	0.22433 (12011108)	0.29145 (12011108)	0.40275 (12011108)	0.61653 (12011108)	1.16826
3745702.0 (14112808)	0.22335 (12013008)	0.29126 (12013008)	0.39403 (14112808)	0.60508 (14112808)	0.93093
3745574.4 (13010808)	0.22128 (14112808)	0.28530 (14112808)	0.36173 (14112808)	0.42812 (14112808)	0.58475
3745446.7 (14011308)	0.20822 (14112808)	0.23695 (14112808)	0.25506 (14122608)	0.33953 (13010808)	0.44573
3745319.0 (13120308)	0.16565 (14112808)	0.18108 (14122608)	0.22852 (13010808)	0.28041 (14011308)	0.33865
3745191.4 (13120308)	0.13744 (12021008)	0.21812 (13010808)	0.25432 (13010808)	0.23833 (14011308)	0.26591
3745063.7 (12012408)	0.16911 (13010808)	0.21012 (13010808)	0.24438 (14011308)	0.27567 (12012508)	0.29980
3744936.0 (12012408)	0.17257 (13010808)	0.17746 (13123008)	0.22586 (14011308)	0.25077 (13120308)	0.26160
3744808.4 (12012408)	0.13946 (13010808)	0.16503 (14011308)	0.17684 (14011308)	0.18936 (13120308)	0.19846

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** **

*** 16:26:20

PAGE 86

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	377075.04	377216.09	377357.14	377498.19	377639.24

3747872.4 (14010308)	0.06561 (14120908)	0.06619 (14120908)	0.06304 (14010308)	0.06370 (14010308)	0.06002
3747744.8 (14010308)	0.07156 (14120908)	0.07235 (14120908)	0.06918 (14010308)	0.06935 (14010308)	0.06438
3747617.1 (16120908)	0.07843 (14120908)	0.07957 (14120908)	0.07635 (14010308)	0.07578 (14010308)	0.06940
3747489.4 (16120908)	0.08653 (14120908)	0.08801 (14120908)	0.08483 (14010308)	0.08315 (14010308)	0.07642
3747361.8 (16120908)	0.09627 (14120908)	0.09816 (14120908)	0.09498 (14010308)	0.09169 (14010308)	0.08422
3747234.1 (16120908)	0.10788 (14120908)	0.11057 (14120908)	0.10726 (14010308)	0.10157 (14010308)	0.09272

3747106.4 (16120908)	0.12228 (14120908)	0.12613 (14120908)	0.12238 (14010308)	0.11308 (14010308)	0.10190
3746978.8 (16120908)	0.14014 (14120908)	0.14572 (14120908)	0.14086 (14010308)	0.12690 (16120908)	0.11130
3746851.1 (13121708)	0.16294 (14120908)	0.17097 (14120908)	0.16479 (14010308)	0.14625 (16120908)	0.13710
3746723.4 (13121708)	0.19318 (14120908)	0.20537 (14120908)	0.19584 (14010308)	0.16899 (16120908)	0.17303
3746595.7 (13121708)	0.23430 (14120908)	0.25306 (14120908)	0.23723 (14010308)	0.20428 (13121708)	0.21485
3746468.1 (12021308)	0.29253 (14120908)	0.32411 (14120908)	0.29392 (14010308)	0.27899 (13121708)	0.26597
3746340.4 (12021308)	0.38244 (15010808)	0.43745 (14120908)	0.37407 (14010308)	0.37557 (13121708)	0.32636
3746212.7 (13020608)	0.59985 (15010808)	0.64127 (14010308)	0.57356 (13121708)	0.51551 (12021308)	0.37011
3746085.1 (13020608)	1.05512 (15010808)	1.10394 (14010308)	0.97092 (12021308)	0.65415 (13020608)	0.44256
3745957.4 (13011608)	3.06319 (12123108)	2.42121 (14010308)	1.84946 (12021308)	0.86849 (13010908)	0.50813
3745829.7 (14010208)	4.49482 (14112808)	3.72520 (13010308)	2.92166 (13010308)	0.93905 (14010208)	0.53407
3745702.0 (14021408)	1.54421 (13123008)	1.65575 (12121108)	1.24360 (14012708)	0.74871 (14012108)	0.48534
3745574.4 (14012708)	0.80160 (13120308)	0.84665 (12121108)	0.74930 (12011908)	0.55833 (14012708)	0.41510
3745446.7 (14012708)	0.51930 (12012408)	0.52661 (12121108)	0.48731 (13122408)	0.40325 (12011908)	0.33646
3745319.0 (15010708)	0.36710 (12012408)	0.36535 (12121108)	0.35952 (12121108)	0.32657 (12011908)	0.26060
3745191.4 (12011908)	0.35808 (12121408)	0.34325 (13020708)	0.28384 (12121108)	0.25705 (13122408)	0.22435
3745063.7 (12011908)	0.29307 (12121408)	0.28649 (13020708)	0.30677 (12121108)	0.20395 (13122408)	0.19506
3744936.0 (12011908)	0.24473 (12121408)	0.23599 (13020708)	0.26002 (12121108)	0.21036 (15122308)	0.16544
3744808.4 (13122408)	0.19264 (12121408)	0.18670 (13020708)	0.15938 (12121108)	0.14822 (12121108)	0.14072

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 87

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)				
	377780.29	377921.34	378062.39	378203.44	378344.49

3747872.4 (13121708)	0.05683 (16120908)	0.05207 (16120908)	0.04656 (13121708)	0.05184 (13121708)	0.05446
3747744.8 (13121708)	0.06111 (16120908)	0.05446 (16120908)	0.05410 (13121708)	0.05864 (13121708)	0.05986
3747617.1 (13121708)	0.06552 (16120908)	0.05665 (16120908)	0.06260 (13121708)	0.06578 (13121708)	0.06504
3747489.4 (13121708)	0.07006 (16120908)	0.06582 (13121708)	0.07186 (13121708)	0.07295 (13121708)	0.06965
3747361.8 (12021308)	0.07450 (16120908)	0.07776 (13121708)	0.08174 (13121708)	0.07975 (13121708)	0.07729
3747234.1 (12021308)	0.08259 (13121708)	0.09111 (13121708)	0.09170 (13121708)	0.08768 (12021308)	0.08446
3747106.4 (12021308)	0.10038 (13121708)	0.10560 (13121708)	0.10101 (13121708)	0.09798 (12021308)	0.08964
3746978.8 (12021308)	0.12114 (13121708)	0.12014 (13121708)	0.11512 (12021308)	0.10604 (12021308)	0.09158
3746851.1 (12010908)	0.14417 (13121708)	0.13714 (12021308)	0.12784 (12021308)	0.11000 (12021308)	0.09333
3746723.4 (13020608)	0.16774 (13121708)	0.15780 (12021308)	0.13535 (12021308)	0.11248 (12010908)	0.10612
3746595.7 (13020608)	0.20082 (12021308)	0.17211 (12021308)	0.13931 (12010908)	0.12974 (13020608)	0.11563
3746468.1 (13020608)	0.22931 (12021308)	0.17930 (12010908)	0.16308 (13020608)	0.13981 (13020608)	0.11550
3746340.4 (13123108)	0.24680 (13020608)	0.21345 (13020608)	0.17238 (13020608)	0.14162 (13123108)	0.12614
3746212.7 (13010908)	0.29504 (13020608)	0.22107 (13123108)	0.18743 (13123108)	0.15790 (13010908)	0.13364
3746085.1 (13011608)	0.32724 (13123108)	0.25134 (13010908)	0.19789 (13011608)	0.16042 (13011608)	0.13226
3745957.4 (14011608)	0.34311 (14011608)	0.26035 (14011608)	0.20699 (14011608)	0.16970 (14011608)	0.14266
3745829.7 (14011008)	0.36007 (14010208)	0.26645 (14011008)	0.20841 (14011008)	0.16947 (14011008)	0.14173
3745702.0 (14010208)	0.32999 (14011508)	0.24508 (13010308)	0.19764 (13010308)	0.16330 (13010308)	0.13826
3745574.4 (14011508)	0.30793 (14012108)	0.24086 (14021408)	0.19039 (14011508)	0.15410 (14011508)	0.12580
3745446.7 (14021408)	0.27640 (14012708)	0.21328 (15011908)	0.18091 (14012108)	0.15237 (14012108)	0.12906
3745319.0 (14012108)	0.23234 (14012708)	0.20180 (14012708)	0.16450 (14122308)	0.13849 (14012108)	0.12368
3745191.4 (15011908)	0.18924 (15010708)	0.17346 (14012708)	0.15602 (14012708)	0.13207 (14012708)	0.11313
3745063.7 (14012708)	0.16035 (12011908)	0.14488 (15010708)	0.13622 (14012708)	0.12546 (14012708)	0.10980

3744936.0 (14012708)	0.14904 (12011908)	0.12898 (15010708)	0.11529 (15010708)	0.11090 (14012708)	0.10389
3744808.4 (14012708)	0.13418 (12011908)	0.11560 (12011908)	0.10616 (15010708)	0.09443 (15010708)	0.09268

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** ** 16:26:20

PAGE 88

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	378485.54	378626.59	378767.64	378908.69	379049.74

3747872.4 (12021308)	0.05436 (13121708)	0.05195 (13121708)	0.05159 (12021308)	0.04975 (12021308)	0.04652
3747744.8 (12021308)	0.05807 (13121708)	0.05667 (12021308)	0.05505 (12021308)	0.05159 (12021308)	0.04689
3747617.1 (12021308)	0.06247 (12021308)	0.06125 (12021308)	0.05762 (12021308)	0.05237 (12021308)	0.04620
3747489.4 (12010908)	0.06860 (12021308)	0.06486 (12021308)	0.05897 (12021308)	0.05206 (12021308)	0.04742
3747361.8 (12010908)	0.07365 (12021308)	0.06699 (12021308)	0.05863 (12021308)	0.05316 (12010908)	0.05129
3747234.1 (13020608)	0.07697 (12021308)	0.06704 (12021308)	0.05998 (12010908)	0.05782 (12010908)	0.05576
3747106.4 (13020608)	0.07775 (12021308)	0.06828 (12010908)	0.06527 (13020608)	0.06323 (13020608)	0.05932
3746978.8 (13020608)	0.07917 (12010908)	0.07558 (13020608)	0.07199 (13020608)	0.06689 (13020608)	0.06052
3746851.1 (13020608)	0.08874 (13020608)	0.08315 (13020608)	0.07560 (13020608)	0.06741 (13020608)	0.05880
3746723.4 (13123108)	0.09729 (13020608)	0.08637 (13020608)	0.07494 (13020608)	0.06632 (16012608)	0.06149
3746595.7 (13123108)	0.09953 (13020608)	0.08379 (16012608)	0.07710 (13123108)	0.07220 (13123108)	0.06676
3746468.1 (13010908)	0.10112 (13123108)	0.09270 (13123108)	0.08423 (13123108)	0.07650 (13010908)	0.06923
3746340.4 (13011608)	0.11128 (13123108)	0.09835 (13010908)	0.08695 (13010908)	0.07770 (13011608)	0.06982

3746212.7 (13120208)	0.11439 (13011608)	0.09944 (13011608)	0.08685 (13011608)	0.07645 (13011608)	0.06759
3746085.1 (14011608)	0.11149 (13120208)	0.09774 (14011608)	0.08744 (14011608)	0.07889 (14011608)	0.07149
3745957.4 (14011608)	0.12223 (14011608)	0.10642 (14011608)	0.09381 (14011608)	0.08327 (14011608)	0.07455
3745829.7 (14011008)	0.12090 (14011008)	0.10494 (14011008)	0.09229 (14011008)	0.08208 (14011008)	0.07364
3745702.0 (14010208)	0.11891 (14010208)	0.10381 (14010208)	0.09165 (14010208)	0.08168 (14010208)	0.07336
3745574.4 (13010308)	0.10804 (13010308)	0.09627 (13010308)	0.08629 (13010308)	0.07784 (13010308)	0.07055
3745446.7 (13010308)	0.11038 (14011508)	0.09481 (14011508)	0.08176 (14011508)	0.07068 (14011508)	0.06445
3745319.0 (14011508)	0.10846 (14012108)	0.09525 (14021408)	0.08388 (14011508)	0.07462 (14011508)	0.06626
3745191.4 (14021408)	0.10077 (14012108)	0.09183 (14012108)	0.08249 (14012108)	0.07421 (14021408)	0.06681
3745063.7 (14012108)	0.09532 (14122308)	0.08414 (15011908)	0.07766 (14012108)	0.07190 (14012108)	0.06576
3744936.0 (14012108)	0.09311 (14012708)	0.08218 (14122308)	0.07336 (15011908)	0.06600 (14012108)	0.06251
3744808.4 (15011908)	0.08793 (14012708)	0.08028 (14012708)	0.07173 (14122308)	0.06462 (15011908)	0.05875

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24
*** AERMET - VERSION 16216 *** *** *** 16:26:20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.4 (12010908)	0.04228 (12021308)	0.03747 (12021308)	0.03522 (12010908)	0.03477 (12010908)	0.03377
3747744.8 (13020608)	0.04146 (12021308)	0.03860 (12010908)	0.03795 (12010908)	0.03669 (12010908)	0.03598
3747617.1 (13020608)	0.04258 (12010908)	0.04166 (12010908)	0.04028 (13020608)	0.03935 (13020608)	0.03783

3747489.4 (13020608)	0.04605 (12010908)	0.04458 (13020608)	0.04325 (13020608)	0.04124 (13020608)	0.03876
3747361.8 (13020608)	0.04968 (13020608)	0.04778 (13020608)	0.04511 (13020608)	0.04201 (13020608)	0.03860
3747234.1 (13020608)	0.05306 (13020608)	0.04954 (13020608)	0.04555 (13020608)	0.04135 (13020608)	0.03713
3747106.4 (16012608)	0.05466 (13020608)	0.04954 (13020608)	0.04433 (13020608)	0.04073 (16012608)	0.03879
3746978.8 (13123108)	0.05398 (13020608)	0.04784 (16012608)	0.04535 (16012608)	0.04256 (13123108)	0.04095
3746851.1 (13123108)	0.05409 (16012608)	0.05055 (13123108)	0.04827 (13123108)	0.04580 (13123108)	0.04327
3746723.4 (13010908)	0.05815 (13123108)	0.05461 (13123108)	0.05103 (13123108)	0.04759 (13010908)	0.04445
3746595.7 (13011608)	0.06150 (13123108)	0.05674 (13010908)	0.05229 (13010908)	0.04816 (13010908)	0.04469
3746468.1 (13011608)	0.06273 (13010908)	0.05728 (13011608)	0.05265 (13011608)	0.04845 (13011608)	0.04461
3746340.4 (13120208)	0.06296 (13011608)	0.05686 (13011608)	0.05150 (13011608)	0.04675 (13011608)	0.04350
3746212.7 (14011608)	0.06139 (13120208)	0.05599 (13120208)	0.05127 (13120208)	0.04742 (14011608)	0.04443
3746085.1 (14011608)	0.06521 (14011608)	0.05970 (14011608)	0.05499 (14011608)	0.05090 (14011608)	0.04724
3745957.4 (14011608)	0.06742 (14011608)	0.06139 (14011608)	0.05622 (14011608)	0.05176 (14011608)	0.04786
3745829.7 (14011008)	0.06658 (14011008)	0.06065 (14011008)	0.05557 (14011008)	0.05118 (14011008)	0.04734
3745702.0 (14010208)	0.06639 (14010208)	0.06041 (14010208)	0.05531 (14010208)	0.05090 (14010208)	0.04705
3745574.4 (14010208)	0.06433 (13010308)	0.05898 (14010208)	0.05438 (14010208)	0.05034 (14010208)	0.04679
3745446.7 (13010308)	0.05963 (13010308)	0.05534 (13010308)	0.05151 (13010308)	0.04803 (13010308)	0.04487
3745319.0 (13010308)	0.05889 (14011508)	0.05242 (14011508)	0.04666 (14011508)	0.04398 (13010308)	0.04153
3745191.4 (14011508)	0.06060 (14011508)	0.05503 (14011508)	0.04984 (14011508)	0.04520 (14011508)	0.04097
3745063.7 (14011508)	0.06006 (14021408)	0.05502 (14021408)	0.05046 (14011508)	0.04656 (14011508)	0.04285
3744936.0 (14021408)	0.05846 (14012108)	0.05412 (14012108)	0.04996 (14021408)	0.04637 (14021408)	0.04288
3744808.4 (14021408)	0.05434 (14012108)	0.05175 (14012108)	0.04880 (14012108)	0.04564 (14012108)	0.04248

*** AERMOD - VERSION 23132 ***

C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

,

A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
 ,
 A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
 ,
 A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
377157.27	3745932.86	3.42347	(14010308)	377175.10	3745925.76	3.57814	(14010308)
377190.51	3745923.94	3.68952	(14010308)	377202.87	3745925.76	3.58699	(14010308)
377221.11	3745927.18	3.48873	(14010308)	377235.71	3745925.36	3.56437	(14010308)
377246.45	3745921.91	3.73869	(12021308)	377264.08	3745921.71	3.75885	(13121708)
377280.50	3745921.71	3.79557	(12021308)	377293.87	3745920.49	3.87193	(12021308)
377310.90	3745922.12	3.76113	(12021308)	377325.29	3745926.58	3.33846	(12021308)
377343.94	3745923.33	2.80289	(13020608)	377358.73	3745923.33	2.35337	(13020608)
377371.41	3745922.05	2.09173	(13123108)	377385.69	3745925.97	1.81139	(13123108)
377143.82	3745984.97	2.25259	(14120908)	377157.60	3745985.38	2.18120	(14010308)
377187.60	3745984.97	2.06295	(14010308)	377216.78	3745985.17	1.96326	(14010308)
377248.81	3745983.15	1.89138	(13121708)	377279.62	3745983.75	1.91022	(13121708)
377322.22	3745982.87	1.85933	(12021308)	377369.00	3745982.34	1.50859	(12021308)
377097.47	3745290.81	0.34556	(12121408)	377139.52	3745293.09	0.34277	(12121408)
377174.87	3745293.09	0.32976	(13020708)	377235.18	3745291.69	0.34995	(12121108)
377299.15	3745287.76	0.35602	(12121108)	377328.61	3745289.45	0.35127	(12121108)
377359.26	3745291.56	0.33989	(12121108)	377429.46	3745982.41	1.12174	(13020608)
377469.41	3745980.43	0.92020	(13123108)	377500.10	3745981.42	0.81628	(13123108)
377531.46	3745980.10	0.72878	(13010908)	377567.44	3745977.46	0.64357	(13010908)
377600.12	3745978.12	0.57492	(13010908)	377627.85	3745979.11	0.52469	(13010908)
377705.42	3745979.77	0.41617	(13011608)	377734.46	3745977.79	0.38495	(13011608)
377780.02	3745980.43	0.34268	(13011608)	377812.36	3745978.12	0.31635	(13011608)
377856.60	3745976.14	0.28488	(13011608)	377895.22	3745974.49	0.26621	(14011608)
377735.45	3745941.48	0.39005	(14011608)	377814.34	3745942.47	0.32601	(14011608)
377773.41	3745936.53	0.35932	(14011608)	377671.09	3745939.83	0.46088	(14011608)
377634.45	3745937.52	0.51401	(13011608)	377585.60	3745941.48	0.61248	(13011608)
377572.06	3745940.16	0.64483	(13011608)	377525.85	3745939.17	0.78313	(13010908)
378905.23	3745961.79	0.08350	(14011608)	378905.83	3745921.75	0.08330	(14011608)
378887.76	3745843.80	0.08349	(14011008)	378641.43	3747296.68	0.06633	(12021308)
377346.58	3745857.72	3.65412	(13010308)	377222.46	3745780.01	3.10657	(12011908)
377185.56	3745779.45	3.82973	(12011908)	377106.17	3745766.03	3.25692	(13123008)
377287.74	3745779.61	2.93681	(12011908)	377219.40	3745700.53	1.63552	(12121108)
377324.76	3745779.63	2.69104	(14012708)	377192.94	3745640.24	1.13230	(12121108)
377124.96	3745640.98	1.14926	(12012408)				

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

*** AERMET - VERSION 16216 ***

*** 16:26:20

PAGE 91

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

**

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

ALL 1ST HIGHEST VALUE IS 0.12832 AT (377216.09, 3745829.72, 22.10, 22.10, 0.00) GC
UCART1

2ND HIGHEST VALUE IS 0.09983 AT (377175.10, 3745925.76, 21.63, 21.63, 0.00) DC
3RD HIGHEST VALUE IS 0.09756 AT (377190.51, 3745923.94, 21.59, 21.59, 0.00) DC
4TH HIGHEST VALUE IS 0.09714 AT (377157.27, 3745932.86, 22.05, 22.05, 0.00) DC
5TH HIGHEST VALUE IS 0.09558 AT (377246.45, 3745921.91, 21.39, 21.39, 0.00) DC
6TH HIGHEST VALUE IS 0.09423 AT (377264.08, 3745921.71, 21.34, 21.34, 0.00) DC
7TH HIGHEST VALUE IS 0.09179 AT (377280.50, 3745921.71, 21.32, 21.32, 0.00) DC
8TH HIGHEST VALUE IS 0.09156 AT (377202.87, 3745925.76, 21.50, 21.50, 0.00) DC
9TH HIGHEST VALUE IS 0.09123 AT (377293.87, 3745920.49, 21.34, 21.34, 0.00) DC
10TH HIGHEST VALUE IS 0.09084 AT (377346.58, 3745857.72, 21.42, 21.42, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 92

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

**

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

ALL HIGH 1ST HIGH VALUE IS 4.49482 ON 14112808: AT (377075.04, 3745829.72, 22.10, 22.10, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con\24_007_Torrance_Con.isc *** 09/18/24

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

*** 16:26:20

PAGE 93

*** 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 1474 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1223 Calm Hours Identified

A Total of 251 Missing Hours Identified (0.57 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 1091 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1091 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

APPENDIX B.2 – AERMOD OPERATIONAL MODEL OUTPUT

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 9/19/2024
** File: C:\Lakes\AERMOD View\24_007_Torrance_Op\24_007_Torrance_Op.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\24_007_Torrance_Op\24_007_Torrance_Op.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 9700000 LA_County_Population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 24_007_Torrance_Op.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: W 205th St > Del Amo Blvd > Fwy Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.5192E-11
** Nodes = 16
** 377203.898, 3745805.662, 22.15, 2.64
** 377207.528, 3745795.289, 21.82, 2.64
** 377206.750, 3745623.886, 22.36, 2.64
** 377062.315, 3745625.182, 22.41, 2.64
** 377063.310, 3745973.570, 21.57, 2.64
** 377080.178, 3745969.263, 21.50, 2.64
** 377130.067, 3745962.444, 21.39, 2.64
** 377381.661, 3745961.726, 20.74, 2.64
** 378079.152, 3745955.485, 16.70, 2.64
```

** 378866.443, 3745947.751, 16.32, 2.64
** 378868.093, 3745946.926, 16.32, 2.64
** 378869.804, 3746564.065, 18.60, 2.64
** 378869.804, 3746861.885, 17.92, 2.64
** 378871.486, 3747127.736, 17.69, 2.64
** 378872.328, 3747152.134, 17.66, 2.64
** 378887.471, 3747223.645, 17.57, 2.64

** -----
LOCATION A0000153 AREA 377196.347 3745803.019 22.17
LOCATION A0000154 AREA 377199.528 3745795.325 22.04
LOCATION A0000155 AREA 377199.139 3745709.624 21.84
LOCATION A0000156 AREA 377206.822 3745631.885 22.26
LOCATION A0000157 AREA 377070.315 3745625.159 22.32
LOCATION A0000158 AREA 377070.647 3745741.289 22.06
LOCATION A0000159 AREA 377070.978 3745857.418 21.83
LOCATION A0000160 AREA 377061.331 3745965.819 21.59
LOCATION A0000161 AREA 377079.095 3745961.337 21.51
LOCATION A0000162 AREA 377130.044 3745954.444 21.22
LOCATION A0000163 AREA 377255.841 3745954.085 20.83
LOCATION A0000164 AREA 377381.590 3745953.727 20.50
LOCATION A0000165 AREA 377521.088 3745952.478 20.36
LOCATION A0000166 AREA 377660.586 3745951.230 20.22
LOCATION A0000167 AREA 377800.084 3745949.982 18.33
LOCATION A0000168 AREA 377939.582 3745948.733 16.04
LOCATION A0000169 AREA 378079.073 3745947.485 16.63
LOCATION A0000170 AREA 378236.532 3745945.938 15.59
LOCATION A0000171 AREA 378393.990 3745944.391 15.20
LOCATION A0000172 AREA 378551.448 3745942.845 15.68
LOCATION A0000173 AREA 378708.907 3745941.298 17.65
LOCATION A0000174 AREA 378862.866 3745940.595 16.31
LOCATION A0000175 AREA 378876.093 3745946.903 16.22
LOCATION A0000176 AREA 378876.521 3746101.188 16.69
LOCATION A0000177 AREA 378876.949 3746255.473 17.41
LOCATION A0000178 AREA 378877.376 3746409.758 18.52
LOCATION A0000179 AREA 378877.804 3746564.065 18.55
LOCATION A0000180 AREA 378877.804 3746712.975 18.07
LOCATION A0000181 AREA 378877.804 3746861.835 17.81
LOCATION A0000182 AREA 378878.645 3746994.760 17.70
LOCATION A0000183 AREA 378879.482 3747127.461 17.61
LOCATION A0000184 AREA 378880.154 3747150.477 17.59

** End of LINE AREA Source ID = OFFS1

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFS2

** DESCRSRC Offsite 2: SR-213 > 405 East

** PREFIX

** Length of Side = 9.50

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 2.3282E-11

** Nodes = 10

** 378887.102, 3747225.922, 17.57, 2.64

** 378686.110, 3747226.439, 18.41, 2.64

** 378685.594, 3747287.408, 19.19, 2.64

** 378687.660, 3747329.260, 20.79, 2.64
** 378695.927, 3747354.577, 21.12, 2.64
** 378712.461, 3747372.145, 22.30, 2.64
** 378735.712, 3747381.445, 22.90, 2.64
** 378753.280, 3747382.995, 23.31, 2.64
** 378816.316, 3747377.828, 24.45, 2.64
** 378902.602, 3747371.628, 17.29, 2.64

** -----
LOCATION A0000185 AREA 378887.114 3747230.672 17.56
LOCATION A0000186 AREA 378820.117 3747230.845 17.82
LOCATION A0000187 AREA 378753.120 3747231.017 18.18
LOCATION A0000188 AREA 378690.860 3747226.479 18.40
LOCATION A0000189 AREA 378690.338 3747287.174 19.06
LOCATION A0000190 AREA 378692.176 3747327.785 20.32
LOCATION A0000191 AREA 378699.386 3747351.322 20.99
LOCATION A0000192 AREA 378714.226 3747367.735 21.56
LOCATION A0000193 AREA 378736.130 3747376.714 21.73
LOCATION A0000194 AREA 378752.892 3747378.261 22.74
LOCATION A0000195 AREA 378815.975 3747373.091 23.54

** End of LINE AREA Source ID = OFFS2

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFS3

** DESCRSRC Offsite 3: SR-213 > 405 West

** PREFIX

** Length of Side = 9.50

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 2.3252E-11

** Nodes = 18

** 378886.585, 3747226.956, 17.57, 2.64
** 378896.919, 3747259.507, 17.56, 2.64
** 378900.019, 3747279.141, 17.53, 2.64
** 378898.986, 3747366.461, 17.29, 2.64
** 378900.019, 3747500.800, 17.23, 2.64
** 378957.371, 3747499.767, 17.90, 2.64
** 378993.539, 3747495.633, 18.77, 2.64
** 379009.557, 3747487.366, 19.22, 2.64
** 379018.857, 3747475.482, 19.77, 2.64
** 379024.541, 3747464.632, 20.33, 2.64
** 379025.057, 3747453.265, 20.56, 2.64
** 379025.057, 3747443.448, 20.95, 2.64
** 379017.307, 3747427.947, 21.69, 2.64
** 379005.423, 3747417.097, 22.20, 2.64
** 378981.656, 3747409.346, 22.98, 2.64
** 378954.271, 3747404.179, 23.40, 2.64
** 378916.553, 3747405.729, 18.15, 2.64
** 378906.219, 3747406.246, 17.31, 2.64

** -----
LOCATION A0000196 AREA 378891.112 3747225.518 17.59
LOCATION A0000197 AREA 378901.611 3747258.766 17.56
LOCATION A0000198 AREA 378904.769 3747279.197 17.46
LOCATION A0000199 AREA 378903.735 3747366.425 17.30
LOCATION A0000200 AREA 378904.252 3747433.594 17.31

LOCATION A0000201	AREA	378899.933	3747496.051	17.25
LOCATION A0000202	AREA	378956.832	3747495.047	17.87
LOCATION A0000203	AREA	378991.361	3747491.412	18.84
LOCATION A0000204	AREA	379005.816	3747484.439	18.90
LOCATION A0000205	AREA	379014.649	3747473.278	19.49
LOCATION A0000206	AREA	379019.795	3747464.416	19.73
LOCATION A0000207	AREA	379020.307	3747453.265	19.73
LOCATION A0000208	AREA	379020.809	3747445.572	20.22
LOCATION A0000209	AREA	379014.104	3747431.455	20.83
LOCATION A0000210	AREA	379003.951	3747421.613	21.23
LOCATION A0000211	AREA	378980.775	3747414.014	21.32
LOCATION A0000212	AREA	378954.466	3747408.925	23.16
LOCATION A0000213	AREA	378916.790	3747410.474	18.67

** End of LINE AREA Source ID = OFFS3

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = ONSL1

** DESCRSRC Onsite Link 1

** PREFIX

** Length of Side = 9.00

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 1.1779E-12

** Nodes = 2

** 377207.474, 3745807.129, 22.17, 2.64

** 377207.533, 3745825.523, 22.15, 2.64

** -----

LOCATION A0000224	AREA	377211.974	3745807.115	22.18

** End of LINE AREA Source ID = ONSL1

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = ONS1

** DESCRSRC Onsite 1: Link to Bldg 1

** PREFIX

** Length of Side = 11.00

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 5.169E-13

** Nodes = 6

** 377205.658, 3745826.489, 22.17, 2.64

** 377189.945, 3745830.854, 22.68, 2.64

** 377184.417, 3745835.800, 22.46, 2.64

** 377181.798, 3745843.947, 22.28, 2.64

** 377181.507, 3745873.044, 22.18, 2.64

** 377155.480, 3745872.834, 22.49, 2.64

** -----

LOCATION A0000225	AREA	377207.130	3745831.788	22.17

LOCATION A0000226	AREA	377193.613	3745834.952	22.28

LOCATION A0000227	AREA	377189.653	3745837.483	22.38

LOCATION A0000228	AREA	377187.298	3745844.002	22.31

LOCATION A0000229	AREA	377181.463	3745878.544	22.25

** End of LINE AREA Source ID = ONS1

** -----

** Line Source Represented by Area Sources

```

** LINE AREA Source ID = ONS2
** DESCRSRC Onsite 2: Link to Bldg 2
** PREFIX
** Length of Side = 11.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 4.3457E-13
** Nodes = 6
** 377209.320, 3745824.976, 22.15, 0.00
** 377217.403, 3745832.501, 22.13, 0.00
** 377220.468, 3745838.354, 22.08, 0.00
** 377221.583, 3745849.502, 21.97, 0.00
** 377221.373, 3745873.143, 22.02, 0.00
** 377244.187, 3745873.074, 22.01, 0.00
** -----
LOCATION A0000217 AREA 377213.068 3745820.951 22.06
LOCATION A0000218 AREA 377222.275 3745829.949 22.15
LOCATION A0000219 AREA 377225.941 3745837.807 22.07
LOCATION A0000220 AREA 377227.083 3745849.551 21.89
LOCATION A0000221 AREA 377221.356 3745867.643 21.89
** End of LINE AREA Source ID = ONS2
LOCATION IDLE1 POINT 377155.280 3745872.790 22.500
** DESCRSRC Idling Source 1
LOCATION IDLE2 POINT 377155.280 3745866.460 22.300
** DESCRSRC Idling Source 2
LOCATION DIEL3 POINT 377155.280 3745860.137 22.030
** DESCRSRC Idling Source
LOCATION STCK1 POINT 377155.193 3745853.973 22.280
** DESCRSRC Idling Source
LOCATION STCK2 POINT 377243.023 3745863.701 21.710
** DESCRSRC Idling Source
LOCATION STCK3 POINT 377243.023 3745876.353 21.980
** DESCRSRC Idling Source 1
LOCATION STCK4 POINT 377243.023 3745870.023 21.900
** DESCRSRC Idling Source 2
LOCATION STCK5 POINT 377242.936 3745857.536 21.620
** DESCRSRC Idling Source
** Source Parameters **
** LINE AREA Source ID = OFFS1
SRCPARAM A0000153 5.5192E-11 2.644 10.989 16.000 70.710 2.459
SRCPARAM A0000154 5.5192E-11 2.644 85.703 16.000 90.260 2.459
SRCPARAM A0000155 5.5192E-11 2.644 85.703 16.000 90.260 2.459
SRCPARAM A0000156 5.5192E-11 2.644 144.441 16.000 -179.486 2.459
SRCPARAM A0000157 5.5192E-11 2.644 116.130 16.000 -89.836 2.459
SRCPARAM A0000158 5.5192E-11 2.644 116.130 16.000 -89.836 2.459
SRCPARAM A0000159 5.5192E-11 2.644 116.130 16.000 -89.836 2.459
SRCPARAM A0000160 5.5192E-11 2.644 17.410 16.000 14.323 2.459
SRCPARAM A0000161 5.5192E-11 2.644 50.352 16.000 7.784 2.459
SRCPARAM A0000162 5.5192E-11 2.644 125.798 16.000 0.163 2.459
SRCPARAM A0000163 5.5192E-11 2.644 125.798 16.000 0.163 2.459
SRCPARAM A0000164 5.5192E-11 2.644 139.504 16.000 0.513 2.459
SRCPARAM A0000165 5.5192E-11 2.644 139.504 16.000 0.513 2.459
SRCPARAM A0000166 5.5192E-11 2.644 139.504 16.000 0.513 2.459
SRCPARAM A0000167 5.5192E-11 2.644 139.504 16.000 0.513 2.459

```

SRCPARAM A0000168	5.5192E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000169	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000170	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000171	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000172	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000173	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000174	5.5192E-11	2.644	1.845	16.000	26.565	2.459
SRCPARAM A0000175	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000176	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000177	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000178	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000179	5.5192E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000180	5.5192E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000181	5.5192E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000182	5.5192E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000183	5.5192E-11	2.644	24.412	16.000	-88.025	2.459
SRCPARAM A0000184	5.5192E-11	2.644	73.096	16.000	-78.043	2.459

** -----

** LINE AREA Source ID = OFFS2

SRCPARAM A0000185	2.3282E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000186	2.3282E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000187	2.3282E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000188	2.3282E-11	2.644	60.971	9.500	-90.486	2.459
SRCPARAM A0000189	2.3282E-11	2.644	41.903	9.500	-87.173	2.459
SRCPARAM A0000190	2.3282E-11	2.644	26.633	9.500	-71.917	2.459
SRCPARAM A0000191	2.3282E-11	2.644	24.124	9.500	-46.736	2.459
SRCPARAM A0000192	2.3282E-11	2.644	25.042	9.500	-21.801	2.459
SRCPARAM A0000193	2.3282E-11	2.644	17.636	9.500	-5.042	2.459
SRCPARAM A0000194	2.3282E-11	2.644	63.247	9.500	4.686	2.459
SRCPARAM A0000195	2.3282E-11	2.644	86.509	9.500	4.110	2.459

** -----

** LINE AREA Source ID = OFFS3

SRCPARAM A0000196	2.3252E-11	2.644	34.152	9.500	-72.387	2.459
SRCPARAM A0000197	2.3252E-11	2.644	19.877	9.500	-81.027	2.459
SRCPARAM A0000198	2.3252E-11	2.644	87.326	9.500	-90.678	2.459
SRCPARAM A0000199	2.3252E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000200	2.3252E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000201	2.3252E-11	2.644	57.362	9.500	1.032	2.459
SRCPARAM A0000202	2.3252E-11	2.644	36.404	9.500	6.520	2.459
SRCPARAM A0000203	2.3252E-11	2.644	18.025	9.500	27.300	2.459
SRCPARAM A0000204	2.3252E-11	2.644	15.090	9.500	51.953	2.459
SRCPARAM A0000205	2.3252E-11	2.644	12.249	9.500	62.354	2.459
SRCPARAM A0000206	2.3252E-11	2.644	11.379	9.500	87.397	2.459
SRCPARAM A0000207	2.3252E-11	2.644	9.817	9.500	90.000	2.459
SRCPARAM A0000208	2.3252E-11	2.644	17.330	9.500	116.565	2.459
SRCPARAM A0000209	2.3252E-11	2.644	16.092	9.500	137.603	2.459
SRCPARAM A0000210	2.3252E-11	2.644	24.999	9.500	161.940	2.459
SRCPARAM A0000211	2.3252E-11	2.644	27.868	9.500	169.315	2.459
SRCPARAM A0000212	2.3252E-11	2.644	37.750	9.500	-177.647	2.459
SRCPARAM A0000213	2.3252E-11	2.644	10.347	9.500	-177.138	2.459

** -----

** LINE AREA Source ID = ONSL1

SRCPARAM A0000224	1.1779E-12	2.644	18.394	9.000	-89.814	2.459

** -----

** LINE AREA Source ID = ONS1

SRCPARAM A0000225	5.169E-13	2.644	16.307	11.000	-164.476	2.459
SRCPARAM A0000226	5.169E-13	2.644	7.418	11.000	-138.180	2.459
SRCPARAM A0000227	5.169E-13	2.644	8.558	11.000	-107.819	2.459
SRCPARAM A0000228	5.169E-13	2.644	29.099	11.000	-90.573	2.459
SRCPARAM A0000229	5.169E-13	2.644	26.028	11.000	179.537	2.459

** -----

** LINE AREA Source ID = ONS2

SRCPARAM A0000217	4.3457E-13	0.000	11.043	11.000	-42.955	2.459
SRCPARAM A0000218	4.3457E-13	0.000	6.607	11.000	-62.354	2.459
SRCPARAM A0000219	4.3457E-13	0.000	11.203	11.000	-84.289	2.459
SRCPARAM A0000220	4.3457E-13	0.000	23.642	11.000	-90.510	2.459
SRCPARAM A0000221	4.3457E-13	0.000	22.814	11.000	0.172	2.459

** -----

SRCPARAM IDLE1	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE2	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM DIEL3	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM STCK1	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM STCK2	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM STCK3	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM STCK4	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM STCK5	1.85E-06	3.660	366.483	51.7	0.1	

** Building Downwash **

BUILDHGT IDLE1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE1	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT IDLE2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT IDLE2	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT DIEL3	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT DIEL3	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT DIEL3	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT DIEL3	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT DIEL3	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT DIEL3	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT STCK1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK1	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK1	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT STCK2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK2	12.80	12.80	12.80	12.80	12.80	12.80

BUILDHGT STCK2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK2	12.80	12.80	12.80	12.80	12.80	12.80
BUILDHGT STCK2	12.80	12.80	12.80	12.80	12.80	12.80

[illegible][illegible]

BUILDWID IDLE1	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE1	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE1	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE1	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE1	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE1	122.29	118.87	111.83	101.40	87.89	73.42

BUILDWID IDLE2	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE2	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE2	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE2	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE2	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE2	122.29	118.87	111.83	101.40	87.89	73.42

BUILDWID DIEL3	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID DIEL3	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID DIEL3	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID DIEL3	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID DIEL3	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID DIEL3	122.29	118.87	111.83	101.40	87.89	73.42

BUILDWID STCK1	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID STCK1	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID STCK1	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID STCK1	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID STCK1	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID STCK1	122.29	118.87	111.83	101.40	87.89	73.42

BUILDWID STCK2	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK2	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK2	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID STCK2	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK2	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK2	113.71	114.10	111.03	104.58	94.95	84.36

BUILDWID STCK3	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK3	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK3	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID STCK3	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK3	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK3	113.71	114.10	111.03	104.58	94.95	84.36

BUILDWID STCK4	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK4	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK4	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID STCK4	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK4	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK4	113.71	114.10	111.03	104.58	94.95	84.36

BUILDWID STCK5	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK5	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK5	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID STCK5	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID STCK5	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID STCK5	113.71	114.10	111.03	104.58	94.95	84.36

BUILDLIN IDLE1	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN IDLE1	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN IDLE1	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLIN IDLE1	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN IDLE1	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN IDLE1	119.86	123.53	123.44	119.61	112.14	101.26

BUILDLIN IDLE2	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN IDLE2	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN IDLE2	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLIN IDLE2	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN IDLE2	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN IDLE2	119.86	123.53	123.44	119.61	112.14	101.26

BUILDLIN DIEL3	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN DIEL3	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN DIEL3	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLIN DIEL3	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN DIEL3	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN DIEL3	119.86	123.53	123.44	119.61	112.14	101.26

BUILDLIN STCK1	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN STCK1	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLIN STCK1	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLIN STCK1	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLIN STCK1	101.40	87.89	73.42	88.00	101.82	112.55

BUILDLN STCK1	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLN STCK2	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK2	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK2	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK2	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK2	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK2	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK3	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK3	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK3	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK3	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK3	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK3	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK4	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK4	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK4	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK4	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK4	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK4	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK5	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK5	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK5	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLN STCK5	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLN STCK5	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLN STCK5	115.02	114.45	110.41	103.02	92.50	79.30
XBADJ IDLE1	-83.83	-90.24	-93.90	-94.72	-92.66	-87.78
XBADJ IDLE1	-80.23	-70.25	-58.13	-60.16	-61.94	-61.83
XBADJ IDLE1	-59.85	-56.04	-50.54	-43.49	-35.13	-25.70
XBADJ IDLE1	-26.59	-27.77	-28.10	-27.57	-26.21	-24.06
XBADJ IDLE1	-21.17	-17.64	-15.29	-27.83	-39.88	-50.72
XBADJ IDLE1	-60.01	-67.49	-72.91	-76.11	-77.01	-75.56
XBADJ IDLE2	-77.59	-84.29	-88.42	-89.87	-88.59	-84.61
XBADJ IDLE2	-78.07	-69.15	-58.13	-61.26	-64.10	-65.00
XBADJ IDLE2	-63.92	-60.89	-56.02	-49.44	-41.36	-32.03
XBADJ IDLE2	-32.83	-33.72	-33.58	-32.42	-30.28	-27.22
XBADJ IDLE2	-23.33	-18.74	-15.29	-26.73	-37.72	-47.55
XBADJ IDLE2	-55.94	-62.64	-67.42	-70.16	-70.77	-69.23
XBADJ DIEL3	-71.37	-78.35	-82.95	-85.03	-84.52	-81.45
XBADJ DIEL3	-75.90	-68.05	-58.13	-62.36	-66.27	-68.16
XBADJ DIEL3	-67.98	-65.73	-61.49	-55.38	-47.59	-38.35
XBADJ DIEL3	-39.05	-39.65	-39.05	-37.27	-34.35	-30.38
XBADJ DIEL3	-25.50	-19.83	-15.29	-25.64	-35.56	-44.39
XBADJ DIEL3	-51.88	-57.80	-61.95	-64.23	-64.55	-62.91
XBADJ STCK1	-65.28	-72.52	-77.56	-80.24	-80.49	-78.29
XBADJ STCK1	-73.71	-66.89	-58.04	-63.34	-68.29	-71.16
XBADJ STCK1	-71.88	-70.40	-66.79	-61.15	-53.65	-44.52

XBADJ	STCK1	-45.14	-45.48	-44.44	-42.05	-38.38	-33.54
XBADJ	STCK1	-27.69	-20.99	-15.38	-24.65	-33.53	-41.39
XBADJ	STCK1	-47.99	-53.13	-56.65	-58.46	-58.49	-56.74
XBADJ	STCK2	-46.44	-46.24	-44.64	-41.69	-37.46	-32.10
XBADJ	STCK2	-25.77	-18.65	-12.88	-18.57	-23.70	-28.10
XBADJ	STCK2	-31.66	-34.25	-35.80	-36.26	-35.62	-34.04
XBADJ	STCK2	-45.94	-56.43	-65.22	-72.02	-76.64	-78.92
XBADJ	STCK2	-78.81	-76.31	-71.48	-77.62	-82.05	-83.98
XBADJ	STCK2	-83.36	-80.21	-74.62	-66.76	-56.87	-45.26
XBADJ	STCK3	-58.89	-58.13	-55.60	-51.38	-45.59	-38.43
XBADJ	STCK3	-30.09	-20.84	-12.88	-16.37	-19.37	-21.78
XBADJ	STCK3	-23.53	-24.56	-24.84	-24.37	-23.16	-21.39
XBADJ	STCK3	-33.48	-44.55	-54.26	-62.33	-68.51	-72.60
XBADJ	STCK3	-74.49	-74.11	-71.48	-79.82	-86.37	-90.30
XBADJ	STCK3	-91.49	-89.90	-85.57	-78.65	-69.33	-57.91
XBADJ	STCK4	-52.66	-52.18	-50.11	-46.53	-41.53	-35.26
XBADJ	STCK4	-27.93	-19.74	-12.88	-17.47	-21.54	-24.94
XBADJ	STCK4	-27.59	-29.41	-30.32	-30.32	-29.40	-27.72
XBADJ	STCK4	-39.71	-50.50	-59.75	-67.18	-72.57	-75.76
XBADJ	STCK4	-76.65	-75.21	-71.48	-78.72	-84.21	-87.14
XBADJ	STCK4	-87.42	-85.05	-80.09	-72.70	-63.10	-51.58
XBADJ	STCK5	-40.36	-40.43	-39.27	-36.92	-33.44	-28.95
XBADJ	STCK5	-23.58	-17.50	-12.80	-19.56	-25.73	-31.12
XBADJ	STCK5	-35.56	-38.92	-41.09	-42.02	-41.67	-40.20
XBADJ	STCK5	-52.02	-62.25	-70.59	-76.79	-80.66	-82.07
XBADJ	STCK5	-80.99	-77.45	-71.56	-76.63	-80.02	-80.97
XBADJ	STCK5	-79.46	-75.54	-69.32	-61.00	-50.82	-39.10
YBADJ	IDLE1	16.16	11.03	5.56	-0.08	-5.72	-11.19
YBADJ	IDLE1	-16.31	-20.94	-24.93	-28.62	-31.23	-32.90
YBADJ	IDLE1	-33.57	-33.22	-31.86	-29.53	-26.31	-21.42
YBADJ	IDLE1	-16.16	-11.03	-5.56	0.08	5.72	11.19
YBADJ	IDLE1	16.31	20.94	24.93	28.62	31.23	32.90
YBADJ	IDLE1	33.57	33.22	31.86	29.53	26.31	21.42
YBADJ	IDLE2	17.26	13.19	8.72	3.99	-0.87	-5.70
YBADJ	IDLE2	-10.36	-14.70	-18.60	-22.38	-25.29	-27.42
YBADJ	IDLE2	-28.72	-29.15	-28.70	-27.37	-25.21	-21.42
YBADJ	IDLE2	-17.26	-13.19	-8.72	-3.99	0.87	5.70
YBADJ	IDLE2	10.36	14.70	18.60	22.38	25.29	27.42
YBADJ	IDLE2	28.72	29.15	28.70	27.37	25.21	21.42
YBADJ	DIEL3	18.36	15.35	11.88	8.05	3.97	-0.23
YBADJ	DIEL3	-4.42	-8.48	-12.28	-16.16	-19.35	-21.95
YBADJ	DIEL3	-23.88	-25.09	-25.54	-25.20	-24.11	-21.42
YBADJ	DIEL3	-18.36	-15.35	-11.88	-8.05	-3.97	0.23
YBADJ	DIEL3	4.42	8.48	12.28	16.16	19.35	21.95
YBADJ	DIEL3	23.88	25.09	25.54	25.20	24.11	21.42
YBADJ	STCK1	19.34	17.38	14.89	11.95	8.64	5.07

YBADJ	STCK1	1.35	-2.42	-6.11	-10.07	-13.52	-16.56
YBADJ	STCK1	-19.10	-21.05	-22.37	-23.01	-22.95	-21.33
YBADJ	STCK1	-19.34	-17.38	-14.89	-11.94	-8.64	-5.07
YBADJ	STCK1	-1.35	2.42	6.11	10.07	13.52	16.56
YBADJ	STCK1	19.10	21.05	22.37	23.01	22.95	21.33
YBADJ	STCK2	-29.53	-29.17	-27.94	-25.85	-22.98	-19.41
YBADJ	STCK2	-15.25	-10.63	-5.61	-0.25	5.10	10.29
YBADJ	STCK2	15.17	19.59	23.41	26.52	28.83	29.30
YBADJ	STCK2	29.53	29.17	27.94	25.85	22.98	19.41
YBADJ	STCK2	15.25	10.63	5.61	0.25	-5.10	-10.29
YBADJ	STCK2	-15.17	-19.59	-23.41	-26.52	-28.83	-29.30
YBADJ	STCK3	-31.72	-33.50	-34.26	-33.98	-32.67	-30.36
YBADJ	STCK3	-27.14	-23.08	-18.26	-12.71	-6.79	-0.67
YBADJ	STCK3	5.48	11.46	17.09	22.20	26.63	29.30
YBADJ	STCK3	31.72	33.50	34.26	33.98	32.67	30.36
YBADJ	STCK3	27.14	23.08	18.26	12.71	6.79	0.67
YBADJ	STCK3	-5.48	-11.46	-17.09	-22.20	-26.63	-29.30
YBADJ	STCK4	-30.62	-31.34	-31.10	-29.91	-27.82	-24.88
YBADJ	STCK4	-21.19	-16.85	-11.93	-6.47	-0.84	4.82
YBADJ	STCK4	10.33	15.52	20.25	24.36	27.73	29.30
YBADJ	STCK4	30.62	31.34	31.10	29.91	27.82	24.88
YBADJ	STCK4	21.19	16.85	11.93	6.47	0.84	-4.82
YBADJ	STCK4	-10.33	-15.52	-20.25	-24.36	-27.73	-29.30
YBADJ	STCK5	-28.54	-27.14	-24.93	-21.95	-18.31	-14.11
YBADJ	STCK5	-9.49	-4.57	0.55	5.83	10.91	15.66
YBADJ	STCK5	19.94	23.61	26.56	28.71	29.98	29.38
YBADJ	STCK5	28.54	27.14	24.93	21.95	18.31	14.11
YBADJ	STCK5	9.49	4.57	-0.55	-5.83	-10.91	-15.66
YBADJ	STCK5	-19.94	-23.61	-26.56	-28.71	-29.98	-29.38

URBANSRC ALL
SRCGROUP ALL
SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED 24_007_Torrance_Op.rou
RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.SFC

PROFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.PFL
SURFDATA 3167 2012 Hawthorne_Municipal_Airport
UAIRDATA 3190 2012
PROFBASE 20.0 METERS
ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

RECTABLE ALLAVE 1ST
RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST 24_007_TORRANCE_OP.AD\01H1GALL.PLT 31
PLOTFILE PERIOD ALL 24_007_TORRANCE_OP.AD\PE00GALL.PLT 32
SUMMFILE 24_007_Torrance_Op.sum

OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)
A Total of 10 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****

SO W320	339	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	340	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	341	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	342	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	343	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	344	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	345	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	346	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	653	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	653	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** **

*** 15:05:52

*** MODELOPTs: RegDEFAULT 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 80 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 9700000.0 ; 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: 80 Source(s); 1 Source Group(s); and 690 Receptor(s)

with: 8 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 72 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

A0000153 NO	0	0.55192E-10	377196.3	3745803.0	22.2	2.64	10.99	16.00	70.71	2.46	YES	
A0000154 NO	0	0.55192E-10	377199.5	3745795.3	22.0	2.64	85.70	16.00	90.26	2.46	YES	
A0000155 NO	0	0.55192E-10	377199.1	3745709.6	21.8	2.64	85.70	16.00	90.26	2.46	YES	
A0000156 NO	0	0.55192E-10	377206.8	3745631.9	22.3	2.64	144.44	16.00	-179.49	2.46	YES	
A0000157 NO	0	0.55192E-10	377070.3	3745625.2	22.3	2.64	116.13	16.00	-89.84	2.46	YES	
A0000158 NO	0	0.55192E-10	377070.6	3745741.3	22.1	2.64	116.13	16.00	-89.84	2.46	YES	
A0000159 NO	0	0.55192E-10	377071.0	3745857.4	21.8	2.64	116.13	16.00	-89.84	2.46	YES	
A0000160 NO	0	0.55192E-10	377061.3	3745965.8	21.6	2.64	17.41	16.00	14.32	2.46	YES	
A0000161 NO	0	0.55192E-10	377079.1	3745961.3	21.5	2.64	50.35	16.00	7.78	2.46	YES	
A0000162 NO	0	0.55192E-10	377130.0	3745954.4	21.2	2.64	125.80	16.00	0.16	2.46	YES	
A0000163 NO	0	0.55192E-10	377255.8	3745954.1	20.8	2.64	125.80	16.00	0.16	2.46	YES	
A0000164 NO	0	0.55192E-10	377381.6	3745953.7	20.5	2.64	139.50	16.00	0.51	2.46	YES	
A0000165 NO	0	0.55192E-10	377521.1	3745952.5	20.4	2.64	139.50	16.00	0.51	2.46	YES	
A0000166 NO	0	0.55192E-10	377660.6	3745951.2	20.2	2.64	139.50	16.00	0.51	2.46	YES	
A0000167 NO	0	0.55192E-10	377800.1	3745950.0	18.3	2.64	139.50	16.00	0.51	2.46	YES	
A0000168 NO	0	0.55192E-10	377939.6	3745948.7	16.0	2.64	139.50	16.00	0.51	2.46	YES	
A0000169 NO	0	0.55192E-10	378079.1	3745947.5	16.6	2.64	157.47	16.00	0.56	2.46	YES	
A0000170 NO	0	0.55192E-10	378236.5	3745945.9	15.6	2.64	157.47	16.00	0.56	2.46	YES	
A0000171 NO	0	0.55192E-10	378394.0	3745944.4	15.2	2.64	157.47	16.00	0.56	2.46	YES	
A0000172 NO	0	0.55192E-10	378551.4	3745942.8	15.7	2.64	157.47	16.00	0.56	2.46	YES	
A0000173 NO	0	0.55192E-10	378708.9	3745941.3	17.7	2.64	157.47	16.00	0.56	2.46	YES	
A0000174 NO	0	0.55192E-10	378862.9	3745940.6	16.3	2.64	1.84	16.00	26.56	2.46	YES	
A0000175 NO	0	0.55192E-10	378876.1	3745946.9	16.2	2.64	154.28	16.00	-89.84	2.46	YES	
A0000176 NO	0	0.55192E-10	378876.5	3746101.2	16.7	2.64	154.28	16.00	-89.84	2.46	YES	
A0000177 NO	0	0.55192E-10	378876.9	3746255.5	17.4	2.64	154.28	16.00	-89.84	2.46	YES	
A0000178 NO	0	0.55192E-10	378877.4	3746409.8	18.5	2.64	154.28	16.00	-89.84	2.46	YES	

A0000179	0	0.55192E-10	378877.8	3746564.1	18.6	2.64	148.91	16.00	-90.00	2.46	YES
NO											
A0000180	0	0.55192E-10	378877.8	3746713.0	18.1	2.64	148.91	16.00	-90.00	2.46	YES
NO											
A0000181	0	0.55192E-10	378877.8	3746861.8	17.8	2.64	132.93	16.00	-89.64	2.46	YES
NO											
A0000182	0	0.55192E-10	378878.6	3746994.8	17.7	2.64	132.93	16.00	-89.64	2.46	YES
NO											
A0000183	0	0.55192E-10	378879.5	3747127.5	17.6	2.64	24.41	16.00	-88.02	2.46	YES
NO											
A0000184	0	0.55192E-10	378880.2	3747150.5	17.6	2.64	73.10	16.00	-78.04	2.46	YES
NO											
A0000185	0	0.23282E-10	378887.1	3747230.7	17.6	2.64	67.00	9.50	-179.85	2.46	YES
NO											
A0000186	0	0.23282E-10	378820.1	3747230.8	17.8	2.64	67.00	9.50	-179.85	2.46	YES
NO											
A0000187	0	0.23282E-10	378753.1	3747231.0	18.2	2.64	67.00	9.50	-179.85	2.46	YES
NO											
A0000188	0	0.23282E-10	378690.9	3747226.5	18.4	2.64	60.97	9.50	-90.49	2.46	YES
NO											
A0000189	0	0.23282E-10	378690.3	3747287.2	19.1	2.64	41.90	9.50	-87.17	2.46	YES
NO											
A0000190	0	0.23282E-10	378692.2	3747327.8	20.3	2.64	26.63	9.50	-71.92	2.46	YES
NO											
A0000191	0	0.23282E-10	378699.4	3747351.3	21.0	2.64	24.12	9.50	-46.74	2.46	YES
NO											
A0000192	0	0.23282E-10	378714.2	3747367.7	21.6	2.64	25.04	9.50	-21.80	2.46	YES
NO											

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** ** 15:05:52

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

NUMBER	EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM	Y-DIM	ORIENT.
INIT.	URBAN EMISSION RATE	AIRCRAFT					
SOURCE	PART. (GRAMS/SEC	X	Y	ELEV.	HEIGHT OF AREA	OF AREA	OF AREA
SOURCE	SCALAR VARY						SZ
ID	CATS. /METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)
(METERS)	BY						

A0000193	0	0.23282E-10	378736.1	3747376.7	21.7	2.64	17.64	9.50	-5.04	2.46	YES
NO											
A0000194	0	0.23282E-10	378752.9	3747378.3	22.7	2.64	63.25	9.50	4.69	2.46	YES
NO											
A0000195	0	0.23282E-10	378816.0	3747373.1	23.5	2.64	86.51	9.50	4.11	2.46	YES
NO											
A0000196	0	0.23252E-10	378891.1	3747225.5	17.6	2.64	34.15	9.50	-72.39	2.46	YES
NO											
A0000197	0	0.23252E-10	378901.6	3747258.8	17.6	2.64	19.88	9.50	-81.03	2.46	YES

NO												
A0000198	0	0.23252E-10	378904.8	3747279.2	17.5	2.64	87.33	9.50	-90.68	2.46	YES	
NO												
A0000199	0	0.23252E-10	378903.7	3747366.4	17.3	2.64	67.17	9.50	-89.56	2.46	YES	
NO												
A0000200	0	0.23252E-10	378904.3	3747433.6	17.3	2.64	67.17	9.50	-89.56	2.46	YES	
NO												
A0000201	0	0.23252E-10	378899.9	3747496.1	17.2	2.64	57.36	9.50	1.03	2.46	YES	
NO												
A0000202	0	0.23252E-10	378956.8	3747495.0	17.9	2.64	36.40	9.50	6.52	2.46	YES	
NO												
A0000203	0	0.23252E-10	378991.4	3747491.4	18.8	2.64	18.02	9.50	27.30	2.46	YES	
NO												
A0000204	0	0.23252E-10	379005.8	3747484.4	18.9	2.64	15.09	9.50	51.95	2.46	YES	
NO												
A0000205	0	0.23252E-10	379014.6	3747473.3	19.5	2.64	12.25	9.50	62.35	2.46	YES	
NO												
A0000206	0	0.23252E-10	379019.8	3747464.4	19.7	2.64	11.38	9.50	87.40	2.46	YES	
NO												
A0000207	0	0.23252E-10	379020.3	3747453.3	19.7	2.64	9.82	9.50	90.00	2.46	YES	
NO												
A0000208	0	0.23252E-10	379020.8	3747445.6	20.2	2.64	17.33	9.50	116.56	2.46	YES	
NO												
A0000209	0	0.23252E-10	379014.1	3747431.5	20.8	2.64	16.09	9.50	137.60	2.46	YES	
NO												
A0000210	0	0.23252E-10	379004.0	3747421.6	21.2	2.64	25.00	9.50	161.94	2.46	YES	
NO												
A0000211	0	0.23252E-10	378980.8	3747414.0	21.3	2.64	27.87	9.50	169.31	2.46	YES	
NO												
A0000212	0	0.23252E-10	378954.5	3747408.9	23.2	2.64	37.75	9.50	-177.65	2.46	YES	
NO												
A0000213	0	0.23252E-10	378916.8	3747410.5	18.7	2.64	10.35	9.50	-177.14	2.46	YES	
NO												
A0000224	0	0.11779E-11	377212.0	3745807.1	22.2	2.64	18.39	9.00	-89.81	2.46	YES	
NO												
A0000225	0	0.51690E-12	377207.1	3745831.8	22.2	2.64	16.31	11.00	-164.48	2.46	YES	
NO												
A0000226	0	0.51690E-12	377193.6	3745835.0	22.3	2.64	7.42	11.00	-138.18	2.46	YES	
NO												
A0000227	0	0.51690E-12	377189.7	3745837.5	22.4	2.64	8.56	11.00	-107.82	2.46	YES	
NO												
A0000228	0	0.51690E-12	377187.3	3745844.0	22.3	2.64	29.10	11.00	-90.57	2.46	YES	
NO												
A0000229	0	0.51690E-12	377181.5	3745878.5	22.2	2.64	26.03	11.00	179.54	2.46	YES	
NO												
A0000217	0	0.43457E-12	377213.1	3745821.0	22.1	0.00	11.04	11.00	-42.95	2.46	YES	
NO												
A0000218	0	0.43457E-12	377222.3	3745829.9	22.2	0.00	6.61	11.00	-62.35	2.46	YES	
NO												
A0000219	0	0.43457E-12	377225.9	3745837.8	22.1	0.00	11.20	11.00	-84.29	2.46	YES	
NO												
A0000220	0	0.43457E-12	377227.1	3745849.6	21.9	0.00	23.64	11.00	-90.51	2.46	YES	
NO												
A0000221	0	0.43457E-12	377221.4	3745867.6	21.9	0.00	22.81	11.00	0.17	2.46	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 , A0000159 , A0000160 ,
	A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167 , A0000168 ,
	A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175 , A0000176 ,
	A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183 , A0000184 ,
	A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191 , A0000192 ,
	A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199 , A0000200 ,
	A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207 , A0000208 ,
	A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000224 , A0000225 , A0000226 ,
	A0000227 , A0000228 , A0000229 , A0000217 , A0000218 , A0000219 , A0000220 , A0000221 ,
	IDLE1 , IDLE2 , DIEL3 , STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----

9700000. A0000153 ,A0000154 ,A0000155 ,A0000156 ,A0000157 ,A0000158 ,A0000159 ,
A0000160 ,

A0000161 ,A0000162 ,A0000163 ,A0000164 ,A0000165 ,A0000166 ,A0000167 ,A0000168

A0000169 ,A0000170 ,A0000171 ,A0000172 ,A0000173 ,A0000174 ,A0000175 ,A0000176

A0000177 ,A0000178 ,A0000179 ,A0000180 ,A0000181 ,A0000182 ,A0000183 ,A0000184

A0000185 ,A0000186 ,A0000187 ,A0000188 ,A0000189 ,A0000190 ,A0000191 ,A0000192

A0000193 ,A0000194 ,A0000195 ,A0000196 ,A0000197 ,A0000198 ,A0000199 ,A0000200

A0000201 ,A0000202 ,A0000203 ,A0000204 ,A0000205 ,A0000206 ,A0000207 ,A0000208

A0000209 ,A0000210 ,A0000211 ,A0000212 ,A0000213 ,A0000224 ,A0000225 ,A0000226

A0000227 ,A0000228 ,A0000229 ,A0000217 ,A0000218 ,A0000219 ,A0000220 ,A0000221

IDLE1 ,IDLE2 ,DIEL3 ,STCK1 ,STCK2 ,STCK3 ,STCK4 ,STCK5 ,

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** **

*** 15:05:52

PAGE 7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: IDLE1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-83.8,	16.2,	2	12.8,	101.8,	118.0,	-90.2,	11.0,
3	12.8,	112.5,	122.0,	-93.9,	5.6,	4	12.8,	119.9,	122.3,	-94.7,	-0.1,
5	12.8,	123.5,	118.9,	-92.7,	-5.7,	6	12.8,	123.4,	111.8,	-87.8,	-11.2,
7	12.8,	119.6,	101.4,	-80.2,	-16.3,	8	12.8,	112.1,	87.9,	-70.2,	-20.9,
9	12.8,	101.3,	73.4,	-58.1,	-24.9,	10	12.8,	110.4,	88.0,	-60.2,	-28.6,
11	12.8,	118.0,	101.8,	-61.9,	-31.2,	12	12.8,	122.0,	112.5,	-61.8,	-32.9,
13	12.8,	122.3,	119.9,	-59.8,	-33.6,	14	12.8,	118.9,	123.5,	-56.0,	-33.2,
15	12.8,	111.8,	123.4,	-50.5,	-31.9,	16	12.8,	101.4,	119.6,	-43.5,	-29.5,
17	12.8,	87.9,	112.1,	-35.1,	-26.3,	18	12.8,	73.4,	101.3,	-25.7,	-21.4,
19	12.8,	88.0,	110.4,	-26.6,	-16.2,	20	12.8,	101.8,	118.0,	-27.8,	-11.0,
21	12.8,	112.5,	122.0,	-28.1,	-5.6,	22	12.8,	119.9,	122.3,	-27.6,	0.1,
23	12.8,	123.5,	118.9,	-26.2,	5.7,	24	12.8,	123.4,	111.8,	-24.1,	11.2,
25	12.8,	119.6,	101.4,	-21.2,	16.3,	26	12.8,	112.1,	87.9,	-17.6,	20.9,
27	12.8,	101.3,	73.4,	-15.3,	24.9,	28	12.8,	110.4,	88.0,	-27.8,	28.6,

29	12.8,	118.0,	101.8,	-39.9,	31.2,	30	12.8,	122.0,	112.5,	-50.7,	32.9,
31	12.8,	122.3,	119.9,	-60.0,	33.6,	32	12.8,	118.9,	123.5,	-67.5,	33.2,
33	12.8,	111.8,	123.4,	-72.9,	31.9,	34	12.8,	101.4,	119.6,	-76.1,	29.5,
35	12.8,	87.9,	112.1,	-77.0,	26.3,	36	12.8,	73.4,	101.3,	-75.6,	21.4,

SOURCE ID: IDLE2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-77.6,	17.3,	2	12.8,	101.8,	118.0,	-84.3,	13.2,
3	12.8,	112.5,	122.0,	-88.4,	8.7,	4	12.8,	119.9,	122.3,	-89.9,	4.0,
5	12.8,	123.5,	118.9,	-88.6,	-0.9,	6	12.8,	123.4,	111.8,	-84.6,	-5.7,
7	12.8,	119.6,	101.4,	-78.1,	-10.4,	8	12.8,	112.1,	87.9,	-69.1,	-14.7,
9	12.8,	101.3,	73.4,	-58.1,	-18.6,	10	12.8,	110.4,	88.0,	-61.3,	-22.4,
11	12.8,	118.0,	101.8,	-64.1,	-25.3,	12	12.8,	122.0,	112.5,	-65.0,	-27.4,
13	12.8,	122.3,	119.9,	-63.9,	-28.7,	14	12.8,	118.9,	123.5,	-60.9,	-29.2,
15	12.8,	111.8,	123.4,	-56.0,	-28.7,	16	12.8,	101.4,	119.6,	-49.4,	-27.4,
17	12.8,	87.9,	112.1,	-41.4,	-25.2,	18	12.8,	73.4,	101.3,	-32.0,	-21.4,
19	12.8,	88.0,	110.4,	-32.8,	-17.3,	20	12.8,	101.8,	118.0,	-33.7,	-13.2,
21	12.8,	112.5,	122.0,	-33.6,	-8.7,	22	12.8,	119.9,	122.3,	-32.4,	-4.0,
23	12.8,	123.5,	118.9,	-30.3,	0.9,	24	12.8,	123.4,	111.8,	-27.2,	5.7,
25	12.8,	119.6,	101.4,	-23.3,	10.4,	26	12.8,	112.1,	87.9,	-18.7,	14.7,
27	12.8,	101.3,	73.4,	-15.3,	18.6,	28	12.8,	110.4,	88.0,	-26.7,	22.4,
29	12.8,	118.0,	101.8,	-37.7,	25.3,	30	12.8,	122.0,	112.5,	-47.5,	27.4,
31	12.8,	122.3,	119.9,	-55.9,	28.7,	32	12.8,	118.9,	123.5,	-62.6,	29.2,
33	12.8,	111.8,	123.4,	-67.4,	28.7,	34	12.8,	101.4,	119.6,	-70.2,	27.4,
35	12.8,	87.9,	112.1,	-70.8,	25.2,	36	12.8,	73.4,	101.3,	-69.2,	21.4,

SOURCE ID: DIEL3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-71.4,	18.4,	2	12.8,	101.8,	118.0,	-78.3,	15.4,
3	12.8,	112.5,	122.0,	-83.0,	11.9,	4	12.8,	119.9,	122.3,	-85.0,	8.1,
5	12.8,	123.5,	118.9,	-84.5,	4.0,	6	12.8,	123.4,	111.8,	-81.5,	-0.2,
7	12.8,	119.6,	101.4,	-75.9,	-4.4,	8	12.8,	112.1,	87.9,	-68.0,	-8.5,
9	12.8,	101.3,	73.4,	-58.1,	-12.3,	10	12.8,	110.4,	88.0,	-62.4,	-16.2,
11	12.8,	118.0,	101.8,	-66.3,	-19.4,	12	12.8,	122.0,	112.5,	-68.2,	-21.9,
13	12.8,	122.3,	119.9,	-68.0,	-23.9,	14	12.8,	118.9,	123.5,	-65.7,	-25.1,
15	12.8,	111.8,	123.4,	-61.5,	-25.5,	16	12.8,	101.4,	119.6,	-55.4,	-25.2,
17	12.8,	87.9,	112.1,	-47.6,	-24.1,	18	12.8,	73.4,	101.3,	-38.3,	-21.4,
19	12.8,	88.0,	110.4,	-39.0,	-18.4,	20	12.8,	101.8,	118.0,	-39.6,	-15.4,
21	12.8,	112.5,	122.0,	-39.0,	-11.9,	22	12.8,	119.9,	122.3,	-37.3,	-8.1,
23	12.8,	123.5,	118.9,	-34.3,	-4.0,	24	12.8,	123.4,	111.8,	-30.4,	0.2,
25	12.8,	119.6,	101.4,	-25.5,	4.4,	26	12.8,	112.1,	87.9,	-19.8,	8.5,
27	12.8,	101.3,	73.4,	-15.3,	12.3,	28	12.8,	110.4,	88.0,	-25.6,	16.2,
29	12.8,	118.0,	101.8,	-35.6,	19.4,	30	12.8,	122.0,	112.5,	-44.4,	21.9,
31	12.8,	122.3,	119.9,	-51.9,	23.9,	32	12.8,	118.9,	123.5,	-57.8,	25.1,
33	12.8,	111.8,	123.4,	-61.9,	25.5,	34	12.8,	101.4,	119.6,	-64.2,	25.2,
35	12.8,	87.9,	112.1,	-64.5,	24.1,	36	12.8,	73.4,	101.3,	-62.9,	21.4,

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-65.3,	19.3,	2	12.8,	101.8,	118.0,	-72.5,	17.4,
3	12.8,	112.5,	122.0,	-77.6,	14.9,	4	12.8,	119.9,	122.3,	-80.2,	12.0,

5	12.8, 123.5, 118.9, -80.5, 8.6,	6	12.8, 123.4, 111.8, -78.3, 5.1,
7	12.8, 119.6, 101.4, -73.7, 1.4,	8	12.8, 112.1, 87.9, -66.9, -2.4,
9	12.8, 101.3, 73.4, -58.0, -6.1,	10	12.8, 110.4, 88.0, -63.3, -10.1,
11	12.8, 118.0, 101.8, -68.3, -13.5,	12	12.8, 122.0, 112.5, -71.2, -16.6,
13	12.8, 122.3, 119.9, -71.9, -19.1,	14	12.8, 118.9, 123.5, -70.4, -21.1,
15	12.8, 111.8, 123.4, -66.8, -22.4,	16	12.8, 101.4, 119.6, -61.1, -23.0,
17	12.8, 87.9, 112.1, -53.6, -22.9,	18	12.8, 73.4, 101.3, -44.5, -21.3,
19	12.8, 88.0, 110.4, -45.1, -19.3,	20	12.8, 101.8, 118.0, -45.5, -17.4,
21	12.8, 112.5, 122.0, -44.4, -14.9,	22	12.8, 119.9, 122.3, -42.0, -11.9,
23	12.8, 123.5, 118.9, -38.4, -8.6,	24	12.8, 123.4, 111.8, -33.5, -5.1,
25	12.8, 119.6, 101.4, -27.7, -1.4,	26	12.8, 112.1, 87.9, -21.0, 2.4,
27	12.8, 101.3, 73.4, -15.4, 6.1,	28	12.8, 110.4, 88.0, -24.7, 10.1,
29	12.8, 118.0, 101.8, -33.5, 13.5,	30	12.8, 122.0, 112.5, -41.4, 16.6,
31	12.8, 122.3, 119.9, -48.0, 19.1,	32	12.8, 118.9, 123.5, -53.1, 21.1,
33	12.8, 111.8, 123.4, -56.6, 22.4,	34	12.8, 101.4, 119.6, -58.5, 23.0,
35	12.8, 87.9, 112.1, -58.5, 22.9,	36	12.8, 73.4, 101.3, -56.7, 21.3,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

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

*** 15:05:52

PAGE 8

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-46.4,	-29.5,	2	12.8,	105.8,	102.7,	-46.2,	-29.2,
3	12.8,	112.1,	109.9,	-44.6,	-27.9,	4	12.8,	115.0,	113.7,	-41.7,	-25.9,
5	12.8,	114.5,	114.1,	-37.5,	-23.0,	6	12.8,	110.4,	111.0,	-32.1,	-19.4,
7	12.8,	103.0,	104.6,	-25.8,	-15.2,	8	12.8,	92.5,	95.0,	-18.7,	-10.6,
9	12.8,	79.3,	84.4,	-12.9,	-5.6,	10	12.8,	92.4,	96.2,	-18.6,	-0.2,
11	12.8,	102.7,	105.8,	-23.7,	5.1,	12	12.8,	109.9,	112.1,	-28.1,	10.3,
13	12.8,	113.7,	115.0,	-31.7,	15.2,	14	12.8,	114.1,	114.5,	-34.2,	19.6,
15	12.8,	111.0,	110.4,	-35.8,	23.4,	16	12.8,	104.6,	103.0,	-36.3,	26.5,
17	12.8,	95.0,	92.5,	-35.6,	28.8,	18	12.8,	84.4,	79.3,	-34.0,	29.3,
19	12.8,	96.2,	92.4,	-45.9,	29.5,	20	12.8,	105.8,	102.7,	-56.4,	29.2,
21	12.8,	112.1,	109.9,	-65.2,	27.9,	22	12.8,	115.0,	113.7,	-72.0,	25.9,
23	12.8,	114.5,	114.1,	-76.6,	23.0,	24	12.8,	110.4,	111.0,	-78.9,	19.4,
25	12.8,	103.0,	104.6,	-78.8,	15.2,	26	12.8,	92.5,	95.0,	-76.3,	10.6,
27	12.8,	79.3,	84.4,	-71.5,	5.6,	28	12.8,	92.4,	96.2,	-77.6,	0.2,
29	12.8,	102.7,	105.8,	-82.0,	-5.1,	30	12.8,	109.9,	112.1,	-84.0,	-10.3,
31	12.8,	113.7,	115.0,	-83.4,	-15.2,	32	12.8,	114.1,	114.5,	-80.2,	-19.6,
33	12.8,	111.0,	110.4,	-74.6,	-23.4,	34	12.8,	104.6,	103.0,	-66.8,	-26.5,
35	12.8,	95.0,	92.5,	-56.9,	-28.8,	36	12.8,	84.4,	79.3,	-45.3,	-29.3,

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-58.9,	-31.7,	2	12.8,	105.8,	102.7,	-58.1,	-33.5,
3	12.8,	112.1,	109.9,	-55.6,	-34.3,	4	12.8,	115.0,	113.7,	-51.4,	-34.0,
5	12.8,	114.5,	114.1,	-45.6,	-32.7,	6	12.8,	110.4,	111.0,	-38.4,	-30.4,
7	12.8,	103.0,	104.6,	-30.1,	-27.1,	8	12.8,	92.5,	95.0,	-20.8,	-23.1,

9	12.8,	79.3,	84.4,	-12.9,	-18.3,	10	12.8,	92.4,	96.2,	-16.4,	-12.7,
11	12.8,	102.7,	105.8,	-19.4,	-6.8,	12	12.8,	109.9,	112.1,	-21.8,	-0.7,
13	12.8,	113.7,	115.0,	-23.5,	5.5,	14	12.8,	114.1,	114.5,	-24.6,	11.5,
15	12.8,	111.0,	110.4,	-24.8,	17.1,	16	12.8,	104.6,	103.0,	-24.4,	22.2,
17	12.8,	95.0,	92.5,	-23.2,	26.6,	18	12.8,	84.4,	79.3,	-21.4,	29.3,
19	12.8,	96.2,	92.4,	-33.5,	31.7,	20	12.8,	105.8,	102.7,	-44.5,	33.5,
21	12.8,	112.1,	109.9,	-54.3,	34.3,	22	12.8,	115.0,	113.7,	-62.3,	34.0,
23	12.8,	114.5,	114.1,	-68.5,	32.7,	24	12.8,	110.4,	111.0,	-72.6,	30.4,
25	12.8,	103.0,	104.6,	-74.5,	27.1,	26	12.8,	92.5,	95.0,	-74.1,	23.1,
27	12.8,	79.3,	84.4,	-71.5,	18.3,	28	12.8,	92.4,	96.2,	-79.8,	12.7,
29	12.8,	102.7,	105.8,	-86.4,	6.8,	30	12.8,	109.9,	112.1,	-90.3,	0.7,
31	12.8,	113.7,	115.0,	-91.5,	-5.5,	32	12.8,	114.1,	114.5,	-89.9,	-11.5,
33	12.8,	111.0,	110.4,	-85.6,	-17.1,	34	12.8,	104.6,	103.0,	-78.6,	-22.2,
35	12.8,	95.0,	92.5,	-69.3,	-26.6,	36	12.8,	84.4,	79.3,	-57.9,	-29.3,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-52.7,	-30.6,	2	12.8,	105.8,	102.7,	-52.2,	-31.3,
3	12.8,	112.1,	109.9,	-50.1,	-31.1,	4	12.8,	115.0,	113.7,	-46.5,	-29.9,
5	12.8,	114.5,	114.1,	-41.5,	-27.8,	6	12.8,	110.4,	111.0,	-35.3,	-24.9,
7	12.8,	103.0,	104.6,	-27.9,	-21.2,	8	12.8,	92.5,	95.0,	-19.7,	-16.9,
9	12.8,	79.3,	84.4,	-12.9,	-11.9,	10	12.8,	92.4,	96.2,	-17.5,	-6.5,
11	12.8,	102.7,	105.8,	-21.5,	-0.8,	12	12.8,	109.9,	112.1,	-24.9,	4.8,
13	12.8,	113.7,	115.0,	-27.6,	10.3,	14	12.8,	114.1,	114.5,	-29.4,	15.5,
15	12.8,	111.0,	110.4,	-30.3,	20.2,	16	12.8,	104.6,	103.0,	-30.3,	24.4,
17	12.8,	95.0,	92.5,	-29.4,	27.7,	18	12.8,	84.4,	79.3,	-27.7,	29.3,
19	12.8,	96.2,	92.4,	-39.7,	30.6,	20	12.8,	105.8,	102.7,	-50.5,	31.3,
21	12.8,	112.1,	109.9,	-59.8,	31.1,	22	12.8,	115.0,	113.7,	-67.2,	29.9,
23	12.8,	114.5,	114.1,	-72.6,	27.8,	24	12.8,	110.4,	111.0,	-75.8,	24.9,
25	12.8,	103.0,	104.6,	-76.6,	21.2,	26	12.8,	92.5,	95.0,	-75.2,	16.9,
27	12.8,	79.3,	84.4,	-71.5,	11.9,	28	12.8,	92.4,	96.2,	-78.7,	6.5,
29	12.8,	102.7,	105.8,	-84.2,	0.8,	30	12.8,	109.9,	112.1,	-87.1,	-4.8,
31	12.8,	113.7,	115.0,	-87.4,	-10.3,	32	12.8,	114.1,	114.5,	-85.0,	-15.5,
33	12.8,	111.0,	110.4,	-80.1,	-20.2,	34	12.8,	104.6,	103.0,	-72.7,	-24.4,
35	12.8,	95.0,	92.5,	-63.1,	-27.7,	36	12.8,	84.4,	79.3,	-51.6,	-29.3,

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-40.4,	-28.5,	2	12.8,	105.8,	102.7,	-40.4,	-27.1,
3	12.8,	112.1,	109.9,	-39.3,	-24.9,	4	12.8,	115.0,	113.7,	-36.9,	-21.9,
5	12.8,	114.5,	114.1,	-33.4,	-18.3,	6	12.8,	110.4,	111.0,	-28.9,	-14.1,
7	12.8,	103.0,	104.6,	-23.6,	-9.5,	8	12.8,	92.5,	95.0,	-17.5,	-4.6,
9	12.8,	79.3,	84.4,	-12.8,	0.6,	10	12.8,	92.4,	96.2,	-19.6,	5.8,
11	12.8,	102.7,	105.8,	-25.7,	10.9,	12	12.8,	109.9,	112.1,	-31.1,	15.7,
13	12.8,	113.7,	115.0,	-35.6,	19.9,	14	12.8,	114.1,	114.5,	-38.9,	23.6,
15	12.8,	111.0,	110.4,	-41.1,	26.6,	16	12.8,	104.6,	103.0,	-42.0,	28.7,
17	12.8,	95.0,	92.5,	-41.7,	30.0,	18	12.8,	84.4,	79.3,	-40.2,	29.4,
19	12.8,	96.2,	92.4,	-52.0,	28.5,	20	12.8,	105.8,	102.7,	-62.2,	27.1,
21	12.8,	112.1,	109.9,	-70.6,	24.9,	22	12.8,	115.0,	113.7,	-76.8,	21.9,
23	12.8,	114.5,	114.1,	-80.7,	18.3,	24	12.8,	110.4,	111.0,	-82.1,	14.1,
25	12.8,	103.0,	104.6,	-81.0,	9.5,	26	12.8,	92.5,	95.0,	-77.5,	4.6,
27	12.8,	79.3,	84.4,	-71.6,	-0.6,	28	12.8,	92.4,	96.2,	-76.6,	-5.8,

29 12.8, 102.7, 105.8, -80.0, -10.9, 30 12.8, 109.9, 112.1, -81.0, -15.7,
31 12.8, 113.7, 115.0, -79.5, -19.9, 32 12.8, 114.1, 114.5, -75.5, -23.6,
33 12.8, 111.0, 110.4, -69.3, -26.6, 34 12.8, 104.6, 103.0, -61.0, -28.7,
35 12.8, 95.0, 92.5, -50.8, -30.0, 36 12.8, 84.4, 79.3, -39.1, -29.4,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** *** 15:05:52

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

376369.8, 376510.8, 376651.9, 376792.9, 376934.0, 377075.0, 377216.1, 377357.1, 377498.2, 377639.2,
377780.3, 377921.3, 378062.4, 378203.4, 378344.5, 378485.5, 378626.6, 378767.6, 378908.7, 379049.7,
379190.8, 379331.8, 379472.9, 379613.9, 379755.0,

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

3744808.4, 3744936.0, 3745063.7, 3745191.4, 3745319.0, 3745446.7, 3745574.4, 3745702.0, 3745829.7,
3745957.4,
3746085.1, 3746212.7, 3746340.4, 3746468.1, 3746595.7, 3746723.4, 3746851.1, 3746978.8, 3747106.4,
3747234.1,
3747361.8, 3747489.4, 3747617.1, 3747744.8, 3747872.4,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** *** 15:05:52

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14		

3747872.44	21.40	20.40	20.50	19.60	18.50	18.50	21.20	21.10	24.90
3747744.77	22.20	21.80	20.90	19.30	18.60	18.60	20.10	20.80	20.10
3747617.10	21.10	20.60	21.60	20.00	18.80	18.90	19.50	20.20	19.70
3747489.43	21.30	20.40	19.80	18.90	18.20	17.90	18.10	20.00	20.00
3747361.76	21.70	20.60	19.90	20.10	20.20	18.90	18.20	19.00	20.00
3747234.09	21.80	21.30	20.30	19.60	19.10	18.50	17.80	18.30	19.60
3747106.42	22.30	22.20	20.70	19.50	19.40	18.70	20.00	21.80	21.90
3746978.75	21.90	20.90	20.40	19.50	19.30	18.30	20.10	13.70	20.90
3746851.08	21.10	20.50	19.80	19.20	19.60	18.10	17.90	16.70	18.10

3746723.41	20.90	20.90	19.70	19.30	19.00	18.30	17.80	17.50	17.30
3746595.74	22.80	21.40	21.60	20.60	20.80	19.90	19.20	19.70	17.40
3746468.07	22.50	22.40	20.50	21.30	21.30	20.30	19.50	19.40	18.90
3746340.40	22.70	22.60	22.00	21.80	21.40	20.60	19.80	19.80	21.20
3746212.73	23.50	22.30	22.30	22.00	21.10	20.90	20.60	20.10	18.20
3746085.06	22.10	22.10	22.10	21.90	22.20	21.30	22.00	20.70	19.30
3745957.39	21.40	23.20	23.00	21.90	22.00	21.50	21.00	20.60	20.50
3745829.72	25.40	22.70	22.90	22.20	22.20	21.80	22.20	21.50	21.70
3745702.05	25.10	24.80	17.70	22.00	22.60	22.10	22.10	22.10	22.40
3745574.38	25.80	25.10	24.90	21.60	21.00	22.40	22.90	22.50	22.30
3745446.71	25.00	24.60	24.20	24.40	21.60	22.70	21.80	22.60	23.40
3745319.04	24.20	25.10	24.70	24.20	24.60	23.60	23.80	23.20	22.50
3745191.37	26.20	28.10	27.00	26.00	26.50	26.70	28.10	26.00	23.50
3745063.70	28.30	29.60	30.00	29.90	29.50	28.30	29.70	28.40	26.30
3744936.03	30.30	30.10	30.60	32.10	31.40	29.00	29.50	29.10	28.50
3744808.36	27.30	27.60	27.60	27.50	27.40	27.00	26.70	26.50	26.30

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

*** AERMET - VERSION 16216 *** *** 15:05:52

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)							
(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59
378767.64								

3747872.44	20.00	19.20	18.90	20.10	19.20	18.40	18.50	17.90	17.70
3747744.77	19.50	23.20	19.30	20.10	19.20	18.60	18.70	18.10	17.70
3747617.10	19.60	19.50	19.40	23.00	24.90	18.70	18.30	18.20	17.70
3747489.43	19.80	19.50	19.30	19.50	19.30	20.20	22.70	18.60	18.50
3747361.76	19.70	19.10	19.10	19.20	20.10	20.20	20.00	19.20	18.40
3747234.09	18.90	18.00	18.80	19.60	19.80	19.30	19.00	18.50	18.10
3747106.42	23.70	18.70	20.50	22.60	20.40	20.60	20.00	19.10	19.00
3746978.75	21.30	19.70	14.90	20.80	19.70	19.90	20.30	19.90	18.70
3746851.08	17.40	20.40	17.10	19.20	19.60	18.20	18.90	19.00	18.70
3746723.41	17.70	17.70	16.50	17.30	19.40	20.10	19.20	18.60	18.40
3746595.74	18.20	16.70	15.40	15.50	18.70	20.00	19.40	19.30	19.30
3746468.07	18.50	16.80	14.90	15.50	18.10	17.90	17.90	19.20	18.50
3746340.40	20.90	19.80	19.20	15.00	16.90	17.10	17.30	17.50	18.30
3746212.73	16.80	17.30	16.60	17.80	16.90	16.40	16.60	17.80	18.20
3746085.06	18.40	17.20	16.80	19.20	16.10	16.10	16.80	18.00	17.90
3745957.39	20.40	18.90	16.20	16.80	15.60	15.20	15.20	16.70	17.80
3745829.72	21.70	21.40	20.10	16.50	16.70	16.80	15.80	17.00	17.70
3745702.05	22.10	21.80	20.70	23.20	17.90	17.00	15.10	15.90	16.50
3745574.38	22.70	21.50	21.20	18.10	17.80	18.70	14.90	16.50	17.40
3745446.71	23.00	21.40	21.40	18.70	19.00	18.60	20.80	15.30	16.70
3745319.04	22.10	22.10	21.70	19.10	19.00	19.60	21.20	18.30	16.20
3745191.37	22.70	22.10	22.10	21.50	20.10	19.70	21.00	17.80	15.60
3745063.70	24.80	23.30	21.50	20.30	20.00	19.70	20.80	19.50	13.00

3744936.03	26.00	23.80	23.10	22.90	21.60	20.80	17.20	13.50	11.50
3744808.36	25.90	25.50	24.40	23.20	22.10	20.50	18.90	18.60	16.10

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** ** 15:05:52

PAGE 12
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)							
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99	

3747872.44	16.80	16.40	16.50	16.20	16.20	15.30	14.90
3747744.77	17.00	17.30	16.80	16.10	15.70	15.10	14.90
3747617.10	17.10	16.80	16.30	16.00	15.60	15.20	14.80
3747489.43	17.20	16.90	16.80	16.60	16.10	15.60	14.60
3747361.76	17.20	22.10	20.30	19.00	19.90	22.30	24.40
3747234.09	17.40	17.00	16.80	16.10	16.00	15.40	15.00
3747106.42	18.50	18.20	18.00	16.30	16.70	15.80	16.40
3746978.75	18.60	17.40	18.10	17.00	17.80	16.00	16.30
3746851.08	18.70	17.40	18.00	17.30	17.60	17.00	16.50
3746723.41	18.70	17.50	18.20	17.60	17.10	16.60	16.90
3746595.74	18.90	17.20	17.80	17.90	17.10	16.30	17.10
3746468.07	18.80	17.70	17.90	17.90	17.00	16.20	17.10
3746340.40	18.80	17.70	17.60	18.10	17.10	17.00	16.80
3746212.73	17.60	17.40	17.40	17.90	15.60	15.30	15.30
3746085.06	17.70	17.60	17.60	16.80	15.70	15.60	14.60
3745957.39	16.10	15.60	16.60	15.80	14.70	14.80	13.80
3745829.72	17.70	16.50	13.60	14.70	15.20	14.70	12.40
3745702.05	17.60	17.00	16.60	13.70	13.90	13.80	13.50
3745574.38	17.50	16.60	16.00	15.60	13.90	13.50	13.30
3745446.71	16.10	16.10	15.10	15.20	14.30	13.20	12.80
3745319.04	15.40	14.40	15.00	15.00	14.10	14.30	13.30
3745191.37	16.60	15.30	14.00	15.10	13.90	13.30	13.70
3745063.70	15.20	15.20	14.50	13.30	12.90	13.10	12.90
3744936.03	12.00	13.30	14.90	13.60	11.60	12.10	12.10
3744808.36	14.40	11.90	9.70	9.70	11.30	11.40	11.30

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** ** 15:05:52

PAGE 13
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*
*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)							
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14

377498.19

3747872.44	21.40	20.40	20.50	19.60	18.50	18.50	21.20	26.50	24.90
3747744.77	22.20	21.80	20.90	19.30	18.60	18.60	20.10	20.80	20.10
3747617.10	21.10	20.60	21.60	20.00	18.80	18.90	19.50	20.20	19.70
3747489.43	21.30	20.40	19.80	18.90	18.20	17.90	18.10	20.00	20.00
3747361.76	21.70	20.60	19.90	20.10	20.20	18.90	18.20	19.00	20.00
3747234.09	21.80	21.30	20.30	19.60	19.10	18.50	17.80	18.30	19.60
3747106.42	22.30	22.20	20.70	19.50	19.40	18.70	20.00	21.80	23.70
3746978.75	21.90	20.90	20.40	19.50	19.30	18.30	20.10	22.30	23.10
3746851.08	21.10	21.60	19.80	19.20	19.60	18.10	17.90	17.90	19.50
3746723.41	20.90	20.90	19.70	19.30	19.00	18.30	19.30	17.50	20.30
3746595.74	22.80	21.40	21.60	20.60	20.80	19.90	19.20	19.70	17.40
3746468.07	22.50	24.30	20.50	21.30	21.30	20.30	19.50	21.40	22.10
3746340.40	26.60	22.60	22.00	21.80	21.40	20.60	19.80	22.80	21.20
3746212.73	24.70	22.30	22.30	22.00	21.10	20.90	20.60	23.10	22.40
3746085.06	34.50	22.10	22.10	21.90	22.20	21.30	24.60	23.10	19.30
3745957.39	34.30	23.20	23.00	21.90	22.00	21.50	21.00	20.60	20.50
3745829.72	25.40	22.70	22.90	22.20	22.20	21.80	22.20	21.50	21.70
3745702.05	25.10	24.80	25.00	22.00	22.60	22.10	22.10	22.10	22.40
3745574.38	25.80	25.10	24.90	21.60	21.00	22.40	22.90	22.50	22.30
3745446.71	25.00	24.60	24.20	24.40	26.10	22.70	21.80	22.60	23.40
3745319.04	24.20	25.10	24.70	24.20	24.60	28.90	23.80	23.20	22.50
3745191.37	26.20	28.10	29.30	26.00	28.20	28.80	28.10	26.00	23.50
3745063.70	28.30	29.60	30.00	29.90	29.50	28.30	29.70	28.40	26.30
3744936.03	30.30	30.10	30.60	32.10	31.40	29.00	29.50	29.10	28.50
3744808.36	27.30	27.60	27.60	27.50	27.40	27.00	26.70	26.50	26.30

*** AERMOD - VERSION 23132 ***

*** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

*** AERMET - VERSION 16216 ***

*** 15:05:52

PAGE 14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59	
378767.64									

3747872.44	20.00	19.20	18.90	20.10	19.20	18.40	18.50	17.90	17.70
3747744.77	19.50	23.20	25.30	20.10	19.20	18.60	18.70	18.10	17.70
3747617.10	19.60	19.50	19.40	26.30	25.90	24.70	18.30	18.20	17.70
3747489.43	19.80	19.50	19.30	19.50	19.30	24.30	22.70	21.80	18.50
3747361.76	19.70	19.10	19.10	19.20	20.10	20.20	20.00	19.20	24.60
3747234.09	18.90	18.00	18.80	19.60	19.80	19.30	19.00	18.50	18.10
3747106.42	23.70	24.30	20.50	22.60	20.40	20.60	20.00	19.10	19.00
3746978.75	24.20	21.60	24.30	24.50	19.70	19.90	20.30	19.90	18.70
3746851.08	19.90	21.60	24.40	20.70	19.60	18.20	18.90	19.00	18.70
3746723.41	20.30	18.00	16.50	17.30	19.40	20.10	19.20	18.60	18.40
3746595.74	18.60	17.10	15.40	17.80	18.70	20.00	19.40	19.30	19.30
3746468.07	21.90	18.90	19.00	15.50	18.10	17.90	17.90	19.20	18.50

3746340.40	20.90	19.80	19.20	15.00	16.90	17.10	17.30	17.50	18.30
3746212.73	20.20	19.90	19.80	17.80	16.90	16.40	17.70	17.80	18.20
3746085.06	18.40	20.10	16.80	19.50	16.10	16.10	16.80	18.00	17.90
3745957.39	20.40	18.90	16.20	16.80	15.60	15.20	15.20	16.70	17.80
3745829.72	21.70	21.40	20.10	17.90	16.70	16.80	15.80	17.00	17.70
3745702.05	22.10	21.80	20.70	23.20	17.90	17.00	15.10	15.90	16.50
3745574.38	22.70	21.50	21.20	21.60	17.80	18.70	14.90	16.50	17.40
3745446.71	23.00	21.40	21.40	18.70	19.00	18.60	20.80	15.30	16.70
3745319.04	22.10	22.10	21.70	20.80	19.00	19.60	21.20	22.60	16.20
3745191.37	22.70	22.10	22.10	21.50	20.10	19.70	21.00	22.30	15.60
3745063.70	24.80	23.30	21.50	22.00	20.00	19.70	20.80	20.60	13.00
3744936.03	26.00	23.80	23.10	22.90	21.60	20.80	20.00	21.30	12.70
3744808.36	25.90	25.50	24.40	23.20	22.10	20.50	18.90	18.60	17.90

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

*** AERMET - VERSION 16216 ***

*** 15:05:52

PAGE 15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	16.80	16.40	16.50	16.20	16.20	15.30	14.90
3747744.77	17.00	17.30	16.80	16.10	15.70	15.10	14.90
3747617.10	17.10	16.80	16.30	16.00	15.60	15.20	14.80
3747489.43	17.20	21.60	16.80	16.60	16.10	15.60	24.30
3747361.76	25.00	22.80	20.30	19.00	19.90	22.30	24.40
3747234.09	17.40	17.00	16.80	16.10	16.00	15.40	15.00
3747106.42	18.50	18.20	18.00	16.30	16.70	15.80	16.40
3746978.75	18.60	17.40	18.10	17.00	17.80	16.00	16.30
3746851.08	18.70	17.40	18.00	17.30	17.60	17.00	16.50
3746723.41	18.70	17.50	18.20	17.60	17.10	16.60	16.90
3746595.74	18.90	17.20	17.80	17.90	17.10	16.30	17.10
3746468.07	18.80	17.70	17.90	17.90	17.00	16.20	17.10
3746340.40	18.80	17.70	17.60	18.10	17.10	17.00	16.80
3746212.73	17.60	17.40	17.40	17.90	16.50	15.30	15.30
3746085.06	17.70	17.60	17.60	16.80	15.70	15.60	14.60
3745957.39	16.10	15.60	16.60	15.80	14.70	14.80	13.80
3745829.72	17.70	16.50	13.60	14.70	15.20	14.70	12.40
3745702.05	17.60	17.00	16.60	13.70	13.90	13.80	13.50
3745574.38	17.50	16.60	16.00	15.60	13.90	13.50	13.30
3745446.71	16.10	16.10	15.10	15.20	14.30	13.20	12.80
3745319.04	15.40	14.40	15.00	15.00	14.10	14.30	13.30
3745191.37	16.60	15.30	14.00	15.10	13.90	13.30	13.70
3745063.70	15.20	15.20	14.50	13.30	12.90	13.10	12.90
3744936.03	12.00	14.50	14.90	13.60	11.60	12.10	12.10
3744808.36	14.40	11.90	9.70	9.70	11.30	11.40	11.30

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

(377157.3, 3745932.9,	21.7,	21.7,	0.0);	(377175.1, 3745925.8,	21.5,	21.5,	0.0);
(377190.5, 3745923.9,	21.3,	21.3,	0.0);	(377202.9, 3745925.8,	21.3,	21.3,	0.0);
(377221.1, 3745927.2,	21.2,	21.2,	0.0);	(377235.7, 3745925.4,	21.1,	21.1,	0.0);
(377246.5, 3745921.9,	21.2,	21.2,	0.0);	(377264.1, 3745921.7,	21.2,	21.2,	0.0);
(377280.5, 3745921.7,	21.2,	21.2,	0.0);	(377293.9, 3745920.5,	21.2,	21.2,	0.0);
(377310.9, 3745922.1,	21.3,	21.3,	0.0);	(377325.3, 3745926.6,	21.2,	21.2,	0.0);
(377343.9, 3745923.3,	21.1,	21.1,	0.0);	(377358.7, 3745923.3,	21.0,	21.0,	0.0);
(377371.4, 3745922.0,	20.9,	20.9,	0.0);	(377385.7, 3745926.0,	20.9,	20.9,	0.0);
(377143.8, 3745985.0,	21.9,	21.9,	0.0);	(377157.6, 3745985.4,	21.8,	21.8,	0.0);
(377187.6, 3745985.0,	21.4,	21.4,	0.0);	(377216.8, 3745985.2,	21.3,	21.3,	0.0);
(377248.8, 3745983.1,	21.3,	21.3,	0.0);	(377279.6, 3745983.8,	21.3,	21.3,	0.0);
(377322.2, 3745982.9,	21.0,	21.0,	0.0);	(377369.0, 3745982.3,	20.8,	20.8,	0.0);
(377097.5, 3745290.8,	24.8,	24.8,	0.0);	(377139.5, 3745293.1,	24.6,	24.6,	0.0);
(377174.9, 3745293.1,	24.6,	24.6,	0.0);	(377235.2, 3745291.7,	24.4,	24.4,	0.0);
(377299.1, 3745287.8,	24.4,	24.4,	0.0);	(377328.6, 3745289.4,	23.9,	23.9,	0.0);
(377359.3, 3745291.6,	23.6,	23.6,	0.0);	(377429.5, 3745982.4,	20.6,	20.6,	0.0);
(377469.4, 3745980.4,	20.9,	20.9,	0.0);	(377500.1, 3745981.4,	21.0,	21.0,	0.0);
(377531.5, 3745980.1,	21.1,	21.1,	0.0);	(377567.4, 3745977.5,	20.6,	20.6,	0.0);
(377600.1, 3745978.1,	20.5,	20.5,	0.0);	(377627.8, 3745979.1,	20.6,	20.6,	0.0);
(377705.4, 3745979.8,	20.6,	20.6,	0.0);	(377734.5, 3745977.8,	19.8,	19.8,	0.0);
(377780.0, 3745980.4,	19.1,	19.1,	0.0);	(377812.4, 3745978.1,	18.2,	18.2,	0.0);
(377856.6, 3745976.1,	17.3,	17.3,	0.0);	(377895.2, 3745974.5,	16.6,	16.6,	0.0);
(377735.5, 3745941.5,	19.6,	19.6,	0.0);	(377814.3, 3745942.5,	18.1,	18.1,	0.0);
(377773.4, 3745936.5,	19.3,	19.3,	0.0);	(377671.1, 3745939.8,	20.4,	20.4,	0.0);
(377634.5, 3745937.5,	20.7,	20.7,	0.0);	(377585.6, 3745941.5,	20.5,	20.5,	0.0);
(377572.1, 3745940.2,	20.6,	20.6,	0.0);	(377525.8, 3745939.2,	20.5,	20.5,	0.0);
(378905.2, 3745961.8,	16.1,	16.1,	0.0);	(378905.8, 3745921.8,	16.5,	16.5,	0.0);
(378887.8, 3745843.8,	17.5,	17.5,	0.0);	(378641.4, 3747296.7,	19.5,	19.5,	0.0);
(377346.6, 3745857.7,	21.3,	21.3,	0.0);	(377222.5, 3745780.0,	22.2,	22.2,	0.0);
(377185.6, 3745779.4,	22.4,	22.4,	0.0);	(377106.2, 3745766.0,	22.6,	22.6,	0.0);
(377287.7, 3745779.6,	22.0,	22.0,	0.0);	(377219.4, 3745700.5,	22.4,	22.4,	0.0);
(377324.8, 3745779.6,	21.9,	21.9,	0.0);	(377192.9, 3745640.2,	22.6,	22.6,	0.0);
(377125.0, 3745641.0,	22.7,	22.7,	0.0);				

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24 007 Torrance Op\24 007 Torrance Op.isc *** 09/19/24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

[illegible]

12 01 01	1 01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	0.24	2.79	1.00	0.00	0.	7.9	283.8	2.0
12 01 01	1 02	-2.1	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	305.	7.9	283.1	2.0
12 01 01	1 03	-9.0	0.127	-9.000	-9.000	-999.	109.	20.8	0.24	2.79	1.00	1.18	323.	7.9	282.5	2.0
12 01 01	1 04	-2.2	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	296.	7.9	282.0	2.0
12 01 01	1 05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	0.24	2.79	1.00	0.00	0.	7.9	281.4	2.0
12 01 01	1 06	-6.0	0.103	-9.000	-9.000	-999.	80.	16.7	0.24	2.79	1.00	0.97	321.	7.9	281.4	2.0
12 01 01	1 07	-4.3	0.088	-9.000	-9.000	-999.	63.	14.4	0.24	2.79	1.00	0.82	313.	7.9	280.4	2.0
12 01 01	1 08	15.7	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	0.24	2.79	0.55	0.00	0.	7.9	281.4	2.0
12 01 01	1 09	35.7	0.115	0.353	0.013	45.	93.	-3.8	0.24	2.79	0.32	0.63	179.	7.9	285.4	2.0
12 01 01	1 10	109.0	0.141	0.727	0.009	128.	127.	-2.3	0.24	2.79	0.24	0.70	170.	7.9	289.2	2.0
12 01 01	1 11	164.4	0.149	1.186	0.005	370.	138.	-1.8	0.24	2.79	0.21	0.70	222.	7.9	297.0	2.0
12 01 01	1 12	191.7	0.163	1.525	0.005	672.	158.	-2.1	0.24	2.79	0.20	0.79	12.	7.9	299.9	2.0
12 01 01	1 13	191.3	0.170	1.819	0.005	1144.	168.	-2.3	0.24	2.79	0.20	0.84	260.	7.9	300.9	2.0
12 01 01	1 14	161.6	0.344	1.852	0.005	1428.	483.	-22.7	0.24	2.79	0.21	2.49	260.	7.9	298.8	2.0
12 01 01	1 15	105.0	0.367	1.638	0.005	1521.	534.	-42.8	0.24	2.79	0.24	2.84	292.	7.9	293.8	2.0
12 01 01	1 16	29.7	0.383	1.079	0.005	1539.	570.	-172.5	0.24	2.79	0.33	3.22	276.	7.9	290.4	2.0
12 01 01	1 17	-24.8	0.287	-9.000	-9.000	-999.	374.	90.3	0.24	2.79	0.59	2.52	284.	7.9	289.2	2.0
12 01 01	1 18	-26.7	0.269	-9.000	-9.000	-999.	336.	79.8	0.24	2.79	1.00	2.38	285.	7.9	287.5	2.0
12 01 01	1 19	-10.2	0.137	-9.000	-9.000	-999.	133.	22.7	0.24	2.79	1.00	1.26	287.	7.9	287.5	2.0

12	01	01	1	20	-6.2	0.106	-9.000	-9.000	-999.	83.	17.2	0.24	2.79	1.00	0.99	303.	7.9	287.0	2.0
12	01	01	1	21	-7.6	0.117	-9.000	-9.000	-999.	96.	19.1	0.24	2.79	1.00	1.09	326.	7.9	286.4	2.0
12	01	01	1	22	-6.8	0.110	-9.000	-9.000	-999.	88.	18.0	0.24	2.79	1.00	1.03	297.	7.9	285.9	2.0
12	01	01	1	23	-19.9	0.200	-9.000	-9.000	-999.	214.	43.9	0.24	2.79	1.00	1.79	290.	7.9	285.9	2.0
12	01	01	1	24	-19.6	0.196	-9.000	-9.000	-999.	209.	42.3	0.24	2.79	1.00	1.76	282.	7.9	285.9	2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV

12 01 01 01 7.9 1 -999. -99.00 283.8 99.0 -99.00 -99.00

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

*** AERMET - VERSION 16216 ***

*** 15:05:52

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD |

X-COORD (METERS)

(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14
377498.19								

3747872.44	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000								
3747744.77	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747617.10	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747489.43	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747361.76	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747234.09	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747106.42	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3746978.75	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3746851.08	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002

0.00002								
3746723.41	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								
3746595.74	0.00001	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003
0.00003								
3746468.07	0.00002	0.00002	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004
0.00004								
3746340.40	0.00002	0.00003	0.00004	0.00005	0.00006	0.00006	0.00007	0.00007
0.00007								
3746212.73	0.00002	0.00003	0.00005	0.00007	0.00009	0.00011	0.00011	0.00011
0.00011								
3746085.06	0.00003	0.00004	0.00006	0.00009	0.00014	0.00019	0.00021	0.00022
0.00021								
3745957.39	0.00003	0.00005	0.00008	0.00013	0.00021	0.00053	0.00064	0.00072
0.00054								
3745829.72	0.00003	0.00006	0.00009	0.00015	0.00028	0.00076	0.00127	0.00099
0.00045								
3745702.05	0.00003	0.00005	0.00009	0.00015	0.00025	0.00052	0.00067	0.00043
0.00027								
3745574.38	0.00003	0.00005	0.00008	0.00012	0.00018	0.00028	0.00033	0.00029
0.00019								
3745446.71	0.00003	0.00004	0.00006	0.00009	0.00013	0.00017	0.00019	0.00019
0.00014								
3745319.04	0.00002	0.00003	0.00005	0.00006	0.00009	0.00011	0.00012	0.00012
0.00010								
3745191.37	0.00002	0.00002	0.00003	0.00004	0.00006	0.00007	0.00007	0.00007
0.00007								
3745063.70	0.00002	0.00002	0.00002	0.00003	0.00004	0.00004	0.00004	0.00005
0.00004								
3744936.03	0.00001	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
0.00003								
3744808.36	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** *** *** 15:05:52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
 INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
 A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
 A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
 A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD | X-COORD (METERS)

(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59
378767.64								

3747872.44	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000								
3747744.77	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000
0.00000								
3747617.10	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747489.43	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747361.76	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00003								
3747234.09	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00004								
3747106.42	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00002								
3746978.75	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00002								
3746851.08	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00002								
3746723.41	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00002
0.00002								
3746595.74	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								
3746468.07	0.00004	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
0.00003								
3746340.40	0.00006	0.00005	0.00004	0.00003	0.00003	0.00002	0.00002	0.00002
0.00003								
3746212.73	0.00010	0.00008	0.00006	0.00005	0.00003	0.00003	0.00002	0.00002
0.00003								
3746085.06	0.00017	0.00012	0.00008	0.00006	0.00004	0.00003	0.00003	0.00003
0.00003								
3745957.39	0.00038	0.00028	0.00022	0.00021	0.00018	0.00017	0.00016	0.00015
0.00014								
3745829.72	0.00027	0.00016	0.00010	0.00007	0.00005	0.00004	0.00004	0.00003
0.00003								
3745702.05	0.00020	0.00014	0.00009	0.00006	0.00004	0.00003	0.00003	0.00002
0.00002								
3745574.38	0.00013	0.00009	0.00007	0.00005	0.00003	0.00003	0.00002	0.00002
0.00002								
3745446.71	0.00010	0.00007	0.00005	0.00003	0.00003	0.00002	0.00002	0.00002
0.00001								
3745319.04	0.00007	0.00005	0.00004	0.00003	0.00002	0.00002	0.00002	0.00001
0.00001								
3745191.37	0.00005	0.00004	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001
0.00001								
3745063.70	0.00004	0.00003	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
0.00001								
3744936.03	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3744808.36	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

, A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

, A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

, A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3747744.77	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3747617.10	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000
3747489.43	0.00004	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3747361.76	0.00005	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3747234.09	0.00005	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3747106.42	0.00006	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3746978.75	0.00006	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3746851.08	0.00006	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3746723.41	0.00006	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3746595.74	0.00006	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3746468.07	0.00006	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3746340.40	0.00006	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3746212.73	0.00006	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3746085.06	0.00007	0.00003	0.00002	0.00001	0.00001	0.00001	0.00001
3745957.39	0.00007	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
3745829.72	0.00003	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3745702.05	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3745574.38	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3745446.71	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3745319.04	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3745191.37	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3745063.70	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3744936.03	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
3744808.36	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ALL ***
 INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
 ,
 A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
 ,
 A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
 ,
 A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
377157.27	3745932.86	0.00066	377175.10	3745925.76	0.00067
377190.51	3745923.94	0.00079	377202.87	3745925.76	0.00084
377221.11	3745927.18	0.00079	377235.71	3745925.36	0.00082
377246.45	3745921.91	0.00081	377264.08	3745921.71	0.00083
377280.50	3745921.71	0.00090	377293.87	3745920.49	0.00097
377310.90	3745922.12	0.00106	377325.29	3745926.58	0.00103
377343.94	3745923.33	0.00109	377358.73	3745923.33	0.00088
377371.41	3745922.05	0.00078	377385.69	3745925.97	0.00072
377143.82	3745984.97	0.00042	377157.60	3745985.38	0.00042
377187.60	3745984.97	0.00043	377216.78	3745985.17	0.00043
377248.81	3745983.15	0.00046	377279.62	3745983.75	0.00048
377322.22	3745982.87	0.00050	377369.00	3745982.34	0.00051
377097.47	3745290.81	0.00010	377139.52	3745293.09	0.00010
377174.87	3745293.09	0.00010	377235.18	3745291.69	0.00011
377299.15	3745287.76	0.00011	377328.61	3745289.45	0.00011
377359.26	3745291.56	0.00011	377429.46	3745982.41	0.00047
377469.41	3745980.43	0.00045	377500.10	3745981.42	0.00041
377531.46	3745980.10	0.00038	377567.44	3745977.46	0.00035
377600.12	3745978.12	0.00031	377627.85	3745979.11	0.00029
377705.42	3745979.77	0.00023	377734.46	3745977.79	0.00022
377780.02	3745980.43	0.00018	377812.36	3745978.12	0.00018
377856.60	3745976.14	0.00016	377895.22	3745974.49	0.00015
377735.45	3745941.48	0.00024	377814.34	3745942.47	0.00020
377773.41	3745936.53	0.00020	377671.09	3745939.83	0.00027
377634.45	3745937.52	0.00030	377585.60	3745941.48	0.00035
377572.06	3745940.16	0.00036	377525.85	3745939.17	0.00042
378905.23	3745961.79	0.00007	378905.83	3745921.75	0.00005
378887.76	3745843.80	0.00003	378641.43	3747296.68	0.00001
377346.58	3745857.72	0.00126	377222.46	3745780.01	0.00105
377185.56	3745779.45	0.00088	377106.17	3745766.03	0.00074
377287.74	3745779.61	0.00082	377219.40	3745700.53	0.00065
377324.76	3745779.63	0.00071	377192.94	3745640.24	0.00051
377124.96	3745640.98	0.00045			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)				
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99

3747872.4	0.00003 (12013022)	0.00003 (15121907)	0.00003 (15121907)	0.00003 (15011704)	0.00003
(15011704)					
3747744.8	0.00003 (12022524)	0.00004 (15121907)	0.00004 (15121907)	0.00004 (15121907)	0.00004
(15011704)					
3747617.1	0.00004 (12022524)	0.00004 (15121907)	0.00004 (15121907)	0.00004 (15121907)	0.00004
(15011704)					
3747489.4	0.00004 (12022524)	0.00004 (12013022)	0.00005 (15121907)	0.00005 (15121907)	0.00005
(15011704)					
3747361.8	0.00004 (12022524)	0.00005 (12022524)	0.00005 (15121907)	0.00005 (16121502)	0.00005
(15011704)					
3747234.1	0.00005 (15011007)	0.00006 (12022524)	0.00006 (15121907)	0.00007 (14050902)	0.00007
(15011704)					
3747106.4	0.00006 (16021403)	0.00008 (12022524)	0.00009 (15042205)	0.00010 (13032221)	0.00011
(15011704)					
3746978.8	0.00008 (12020220)	0.00011 (15011007)	0.00014 (12072302)	0.00018 (14010307)	0.00018
(16121502)					
3746851.1	0.00012 (12010904)	0.00018 (16021403)	0.00024 (12050502)	0.00031 (15120820)	0.00038
(16121502)					
3746723.4	0.00019 (16101723)	0.00029 (12010904)	0.00041 (15081303)	0.00055 (13051206)	0.00066
(14050902)					
3746595.7	0.00031 (15042404)	0.00046 (14042724)	0.00071 (12112421)	0.00093 (15111306)	0.00112
(14010307)					
3746468.1	0.00046 (12030923)	0.00074 (15042404)	0.00111 (12091422)	0.00143 (13042002)	0.00175
(16111522)					
3746340.4	0.00068 (15112406)	0.00113 (16092003)	0.00164 (14042401)	0.00222 (15012107)	0.00262
(13051222)					
3746212.7	0.00095 (13110102)	0.00150 (12110123)	0.00233 (12080806)	0.00307 (14042401)	0.00362
(13111623)					
3746085.1	0.00120 (12070124)	0.00195 (15030621)	0.00300 (13110102)	0.00404 (12091605)	0.00481
(12082903)					
3745957.4	0.00136 (16020720)	0.00234 (16111422)	0.00361 (16041602)	0.00508 (15011921)	0.00642
(13101822)					
3745829.7	0.00151 (13020323)	0.00250 (16020801)	0.00400 (14031001)	0.00568 (14031001)	0.00746
(14110722)					

3745702.0 (12101704)	0.00141 (15101024)	0.00235 (15091802)	0.00334 (15112020)	0.00487 (16022523)	0.00606
3745574.4 (14102123)	0.00121 (15102324)	0.00197 (13091503)	0.00296 (12082004)	0.00398 (15102602)	0.00480
3745446.7 (15072503)	0.00094 (16092904)	0.00153 (14051602)	0.00224 (15092103)	0.00309 (16100723)	0.00375
3745319.0 (14051503)	0.00068 (14101505)	0.00111 (13062404)	0.00164 (15100703)	0.00223 (14051305)	0.00269
3745191.4 (14091506)	0.00051 (12102722)	0.00081 (15100703)	0.00115 (15082403)	0.00152 (12100602)	0.00188
3745063.7 (15102401)	0.00038 (16082103)	0.00056 (14072501)	0.00079 (16062001)	0.00101 (14081106)	0.00123
3744936.0 (13090601)	0.00029 (15101001)	0.00039 (14091424)	0.00051 (13092602)	0.00067 (15082804)	0.00078
3744808.4 (16101303)	0.00019 (16112307)	0.00024 (16100624)	0.00031 (15102521)	0.00038 (15101205)	0.00039

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** ** 15:05:52

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
, A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
, A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
, A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	377075.04	377216.09	377357.14	377498.19	377639.24

3747872.4 (15030507)	0.00004 (16021402)	0.00004 (16021402)	0.00003 (12112322)	0.00006 (12103107)	0.00003
3747744.8 (15030507)	0.00004 (16021402)	0.00004 (16021402)	0.00004 (12112322)	0.00004 (13022521)	0.00004
3747617.1 (15030507)	0.00004 (16021402)	0.00004 (16021402)	0.00004 (12112322)	0.00004 (12103107)	0.00004
3747489.4 (15030507)	0.00005 (16021402)	0.00005 (16021402)	0.00005 (12112322)	0.00005 (12103107)	0.00005
3747361.8 (15030507)	0.00006 (16033106)	0.00006 (16021402)	0.00006 (14032206)	0.00005 (12032124)	0.00005
3747234.1 (12031402)	0.00007 (16033106)	0.00007 (16021402)	0.00008 (14032206)	0.00007 (13020321)	0.00007
3747106.4 (12031122)	0.00011 (13112221)	0.00010 (16021402)	0.00012 (14032206)	0.00011 (13020321)	0.00013

3746978.8 (12092606)	0.00018 (13112221)	0.00016 (12011207)	0.00020 (15042503)	0.00018 (14072302)	0.00018
3746851.1 (13112222)	0.00036 (13033104)	0.00029 (12011207)	0.00038 (16061904)	0.00040 (13081105)	0.00032
3746723.4 (14022601)	0.00060 (13033104)	0.00053 (12011207)	0.00070 (15093022)	0.00071 (15101022)	0.00058
3746595.7 (13110422)	0.00106 (12083105)	0.00097 (12091006)	0.00119 (13092722)	0.00118 (12092606)	0.00096
3746468.1 (15112119)	0.00170 (12093022)	0.00158 (12091006)	0.00189 (15021020)	0.00186 (12092902)	0.00150
3746340.4 (12100822)	0.00272 (16083002)	0.00241 (15092704)	0.00297 (14091404)	0.00281 (12100222)	0.00223
3746212.7 (15101003)	0.00362 (16083002)	0.00320 (13071505)	0.00400 (12090601)	0.00364 (12090103)	0.00292
3746085.1 (12092304)	0.00458 (12100823)	0.00377 (12083001)	0.00529 (12083106)	0.00473 (15101003)	0.00379
3745957.4 (15012419)	0.00701 (13051302)	0.00446 (15101021)	0.00736 (14100306)	0.00627 (13082924)	0.00498
3745829.7 (16091922)	0.00821 (12092403)	0.00681 (13012605)	0.01014 (14092902)	0.00692 (16091922)	0.00508
3745702.0 (14091402)	0.00660 (16101003)	0.00634 (12092124)	0.00680 (14042922)	0.00612 (13083003)	0.00472
3745574.4 (12091421)	0.00513 (15091106)	0.00485 (15102502)	0.00493 (16111224)	0.00481 (14042922)	0.00388
3745446.7 (13070124)	0.00398 (14090624)	0.00371 (12082904)	0.00385 (14082405)	0.00364 (15092406)	0.00296
3745319.0 (12092502)	0.00280 (13092105)	0.00259 (16082805)	0.00285 (15101906)	0.00257 (15022021)	0.00209
3745191.4 (16073102)	0.00191 (14102124)	0.00172 (12081805)	0.00179 (13071503)	0.00172 (14080804)	0.00140
3745063.7 (15022021)	0.00125 (15091302)	0.00107 (12081805)	0.00119 (13091602)	0.00114 (12052123)	0.00090
3744936.0 (15092601)	0.00075 (15093002)	0.00063 (12081805)	0.00069 (14101102)	0.00072 (14082302)	0.00056
3744808.4 (14092304)	0.00043 (15083024)	0.00034 (12111521)	0.00039 (16082406)	0.00041 (12091201)	0.00034

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** ** 15:05:52

PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)				
	377780.29	377921.34	378062.39	378203.44	378344.49

3747872.4 (13101307)	0.00003 (15030507)	0.00003 (15030507)	0.00003 (13050106)	0.00004 (13050106)	0.00004
3747744.8 (14010302)	0.00004 (15030507)	0.00003 (13030704)	0.00004 (12092907)	0.00004 (13050106)	0.00004
3747617.1 (13050106)	0.00004 (15030507)	0.00004 (13030704)	0.00004 (13122504)	0.00006 (13122504)	0.00004
3747489.4 (12092907)	0.00004 (13030704)	0.00004 (13122504)	0.00004 (13122504)	0.00004 (12092907)	0.00005
3747361.8 (12092907)	0.00005 (13030704)	0.00005 (13122504)	0.00005 (13122504)	0.00004 (12092907)	0.00005
3747234.1 (12092907)	0.00006 (13030704)	0.00006 (13122504)	0.00005 (12031307)	0.00005 (15020104)	0.00005
3747106.4 (16010922)	0.00009 (16120302)	0.00007 (13120619)	0.00007 (14021906)	0.00006 (15020104)	0.00005
3746978.8 (16013024)	0.00015 (13122504)	0.00011 (12031307)	0.00009 (15020104)	0.00007 (16010922)	0.00006
3746851.1 (13030502)	0.00025 (13110422)	0.00017 (15042305)	0.00012 (14022323)	0.00009 (16013024)	0.00007
3746723.4 (13122008)	0.00042 (16021104)	0.00028 (13030322)	0.00018 (16032024)	0.00012 (12051523)	0.00008
3746595.7 (16121421)	0.00069 (14082306)	0.00045 (14061304)	0.00028 (16011921)	0.00017 (13031020)	0.00011
3746468.1 (16111506)	0.00107 (15010904)	0.00070 (15031421)	0.00042 (15120806)	0.00025 (14021206)	0.00015
3746340.4 (12031605)	0.00162 (15031421)	0.00106 (12081105)	0.00060 (12091424)	0.00034 (15020107)	0.00020
3746212.7 (14122704)	0.00212 (14071422)	0.00137 (16102122)	0.00085 (15071104)	0.00046 (15030804)	0.00025
3746085.1 (12112304)	0.00275 (12091105)	0.00175 (15100906)	0.00106 (14101624)	0.00054 (16032405)	0.00029
3745957.4 (15031422)	0.00354 (14043022)	0.00229 (16090704)	0.00156 (15031522)	0.00101 (15031522)	0.00075
3745829.7 (14112606)	0.00329 (12102619)	0.00195 (13090703)	0.00104 (13090703)	0.00053 (15120623)	0.00027
3745702.0 (14121822)	0.00331 (12081101)	0.00197 (15090804)	0.00112 (12090906)	0.00056 (15012220)	0.00028
3745574.4 (14110504)	0.00275 (12072804)	0.00177 (14091406)	0.00100 (12012519)	0.00053 (16092603)	0.00027
3745446.7 (14020706)	0.00211 (13090704)	0.00136 (13081602)	0.00078 (12102622)	0.00043 (13012122)	0.00022
3745319.0 (13122220)	0.00152 (13070124)	0.00097 (15071805)	0.00057 (14101101)	0.00031 (13010221)	0.00017
3745191.4 (16112004)	0.00100 (16102022)	0.00065 (13070124)	0.00039 (16020703)	0.00022 (16121820)	0.00013
3745063.7 (13123002)	0.00064 (15043005)	0.00041 (15122007)	0.00025 (16112601)	0.00015 (14122807)	0.00010
3744936.0 (14122807)	0.00039 (13030124)	0.00026 (16010305)	0.00017 (15121606)	0.00011 (12010107)	0.00008

3744808.4 | 0.00026 (15120807) 0.00018 (13121001) 0.00012 (12010106) 0.00008 (15121606) 0.00006 (12010107)

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** ** 15:05:52

PAGE 26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD	X-COORD (METERS)				
(METERS)	378485.54	378626.59	378767.64	378908.69	379049.74

3747872.4	0.00005 (13101307)	0.00005 (13101307)	0.00005 (14042921)	0.00006 (12091423)	0.00006 (14082605)
3747744.8	0.00005 (13101307)	0.00006 (13101307)	0.00006 (13121718)	0.00007 (12091423)	0.00007 (12051406)
3747617.1	0.00005 (13101307)	0.00007 (13101307)	0.00008 (13121718)	0.00010 (12091423)	0.00009 (12051406)
3747489.4	0.00006 (12092907)	0.00008 (13101307)	0.00010 (13101307)	0.00020 (12051406)	0.00013 (12021308)
3747361.8	0.00006 (12092907)	0.00009 (12092907)	0.00011 (13101307)	0.00020 (12051406)	0.00009 (12051406)
3747234.1	0.00005 (12101722)	0.00009 (13101207)	0.00023 (13101307)	0.00029 (12051406)	0.00010 (12021308)
3747106.4	0.00005 (12092907)	0.00007 (13101307)	0.00011 (13101307)	0.00023 (12051406)	0.00010 (12021308)
3746978.8	0.00005 (12092907)	0.00007 (12092907)	0.00011 (13101307)	0.00023 (12051406)	0.00010 (12021308)
3746851.1	0.00006 (13030502)	0.00007 (12092907)	0.00011 (13101307)	0.00022 (12051406)	0.00010 (12021308)
3746723.4	0.00006 (16121421)	0.00007 (12092907)	0.00011 (13101307)	0.00023 (12051406)	0.00010 (12021308)
3746595.7	0.00008 (14021206)	0.00007 (12092907)	0.00011 (12032107)	0.00023 (12021308)	0.00010 (12021308)
3746468.1	0.00010 (16120207)	0.00007 (16120207)	0.00012 (12032107)	0.00023 (12021308)	0.00010 (14102405)
3746340.4	0.00012 (13112805)	0.00009 (16122506)	0.00012 (12032107)	0.00023 (12021308)	0.00011 (13123108)
3746212.7	0.00015 (13031023)	0.00010 (13031023)	0.00012 (12032107)	0.00024 (13123108)	0.00012 (13010908)

3746085.1 (13010307)	0.00018 (12010306)	0.00013 (16121907)	0.00012 (12032107)	0.00027 (13010908)	0.00014
3745957.4 (16012808)	0.00063 (12101504)	0.00055 (12101504)	0.00051 (13010908)	0.00031 (16102207)	0.00014
3745829.7 (13071506)	0.00016 (14112606)	0.00015 (12032107)	0.00017 (12062406)	0.00014 (16100607)	0.00010
3745702.0 (12011908)	0.00015 (12122119)	0.00011 (12062406)	0.00012 (12052206)	0.00010 (16100607)	0.00007
3745574.4 (14032907)	0.00013 (13040905)	0.00009 (12062406)	0.00009 (12052206)	0.00008 (16100607)	0.00007
3745446.7 (14032907)	0.00012 (12112305)	0.00008 (12062406)	0.00008 (12052206)	0.00007 (13121408)	0.00006
3745319.0 (16100607)	0.00010 (16112302)	0.00007 (13010301)	0.00007 (12052206)	0.00006 (13121408)	0.00005
3745191.4 (16100607)	0.00008 (15112801)	0.00006 (12052206)	0.00006 (12052206)	0.00005 (13121408)	0.00005
3745063.7 (16100607)	0.00007 (15011703)	0.00006 (12052206)	0.00005 (12052206)	0.00005 (13121408)	0.00005
3744936.0 (16100607)	0.00006 (13123002)	0.00005 (12052206)	0.00005 (12052206)	0.00004 (13121408)	0.00004
3744808.4 (16100607)	0.00005 (14122807)	0.00005 (12052206)	0.00004 (12052206)	0.00004 (13121408)	0.00004

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 *** **

*** 15:05:52

PAGE 27

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.4 (12021308)	0.00006 (12051406)	0.00005 (13121708)	0.00005 (12021308)	0.00004 (12021308)	0.00004
3747744.8 (14122008)	0.00006 (12051406)	0.00005 (12021308)	0.00005 (12021308)	0.00004 (12021308)	0.00004
3747617.1 (14122008)	0.00007 (12021308)	0.00006 (12021308)	0.00005 (12021308)	0.00004 (14122008)	0.00004
3747489.4 (14122008)	0.00007 (12021308)	0.00006 (12021308)	0.00005 (12021308)	0.00005 (14122008)	0.00004

3747361.8 (14110507)	0.00007 (12021308)	0.00006 (12021308)	0.00005 (14122008)	0.00005 (14122008)	0.00005
3747234.1 (14021206)	0.00007 (12021308)	0.00006 (12021308)	0.00005 (14122008)	0.00005 (14021206)	0.00004
3747106.4 (14021206)	0.00007 (12021308)	0.00006 (14122008)	0.00005 (14021206)	0.00005 (14021206)	0.00004
3746978.8 (16120207)	0.00007 (12021308)	0.00006 (14021206)	0.00006 (14021206)	0.00005 (16120207)	0.00005
3746851.1 (16120207)	0.00007 (12042706)	0.00006 (14021206)	0.00006 (16120207)	0.00005 (16120207)	0.00005
3746723.4 (16122506)	0.00008 (14021206)	0.00007 (16120207)	0.00006 (16120207)	0.00005 (16120301)	0.00005
3746595.7 (14122704)	0.00008 (16120301)	0.00007 (16120301)	0.00006 (16122506)	0.00006 (16122506)	0.00005
3746468.1 (14122704)	0.00008 (16120301)	0.00007 (16122506)	0.00007 (14122704)	0.00006 (14122704)	0.00005
3746340.4 (12010306)	0.00009 (14122704)	0.00008 (14122704)	0.00007 (15010707)	0.00006 (12010306)	0.00005
3746212.7 (16121907)	0.00010 (16032405)	0.00008 (13010307)	0.00007 (13010307)	0.00006 (16121907)	0.00005
3746085.1 (13010206)	0.00010 (13010307)	0.00008 (13010307)	0.00007 (13010206)	0.00006 (13010206)	0.00005
3745957.4 (16012808)	0.00010 (16012808)	0.00008 (16012808)	0.00007 (16012808)	0.00006 (16012808)	0.00005
3745829.7 (15112607)	0.00008 (12050406)	0.00007 (12050406)	0.00006 (15112607)	0.00005 (15112607)	0.00005
3745702.0 (13010701)	0.00007 (13071506)	0.00006 (13010701)	0.00006 (13010701)	0.00005 (13010701)	0.00005
3745574.4 (13010701)	0.00006 (13101907)	0.00005 (13071506)	0.00005 (13011701)	0.00005 (13011701)	0.00004
3745446.7 (13011701)	0.00005 (12011908)	0.00005 (15113007)	0.00004 (14011508)	0.00004 (13011701)	0.00004
3745319.0 (15113007)	0.00005 (15092703)	0.00004 (13101907)	0.00004 (15113007)	0.00004 (15113007)	0.00004
3745191.4 (15113007)	0.00004 (15092703)	0.00004 (12011908)	0.00004 (13010301)	0.00004 (13010301)	0.00003
3745063.7 (13010301)	0.00004 (14032907)	0.00004 (12011908)	0.00003 (13101907)	0.00003 (13010301)	0.00003
3744936.0 (16011306)	0.00004 (14032907)	0.00003 (12082705)	0.00003 (12011908)	0.00003 (15011403)	0.00003
3744808.4 (12020406)	0.00004 (14032907)	0.00003 (15092703)	0.00003 (12011908)	0.00003 (12020406)	0.00003

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24
*** AERMET - VERSION 16216 ***

*** 15:05:52

PAGE 28

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE ***

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

, A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
377157.27	3745932.86	0.00664	(15082605)	377175.10	3745925.76	0.00645	(15090423)
377190.51	3745923.94	0.00566	(14100221)	377202.87	3745925.76	0.00622	(14070502)
377221.11	3745927.18	0.00624	(15082805)	377235.71	3745925.36	0.00601	(15092704)
377246.45	3745921.91	0.00651	(14072302)	377264.08	3745921.71	0.00570	(14051523)
377280.50	3745921.71	0.00648	(15092701)	377293.87	3745920.49	0.00609	(14112801)
377310.90	3745922.12	0.00791	(13100723)	377325.29	3745926.58	0.00928	(12091501)
377343.94	3745923.33	0.00970	(12091501)	377358.73	3745923.33	0.00824	(15092701)
377371.41	3745922.05	0.00789	(12091003)	377385.69	3745925.97	0.00765	(12091003)
377143.82	3745984.97	0.00534	(15051801)	377157.60	3745985.38	0.00455	(15051801)
377187.60	3745984.97	0.00452	(14091404)	377216.78	3745985.17	0.00448	(14043021)
377248.81	3745983.15	0.00588	(15092704)	377279.62	3745983.75	0.00704	(14051523)
377322.22	3745982.87	0.00705	(15112119)	377369.00	3745982.34	0.00689	(15101003)
377097.47	3745290.81	0.00245	(14102321)	377139.52	3745293.09	0.00247	(15091302)
377174.87	3745293.09	0.00245	(12092023)	377235.18	3745291.69	0.00237	(12081805)
377299.15	3745287.76	0.00250	(15081301)	377328.61	3745289.45	0.00248	(16092024)
377359.26	3745291.56	0.00263	(15101906)	377429.46	3745982.41	0.00648	(12091424)
377469.41	3745980.43	0.00623	(15101005)	377500.10	3745981.42	0.00599	(15101005)
377531.46	3745980.10	0.00571	(12091003)	377567.44	3745977.46	0.00535	(13082924)
377600.12	3745978.12	0.00501	(13082924)	377627.85	3745979.11	0.00470	(15091624)
377705.42	3745979.77	0.00405	(13051101)	377734.46	3745977.79	0.00375	(15012419)
377780.02	3745980.43	0.00327	(16111103)	377812.36	3745978.12	0.00296	(16111103)
377856.60	3745976.14	0.00261	(15031521)	377895.22	3745974.49	0.00230	(15031521)
377735.45	3745941.48	0.00373	(14043022)	377814.34	3745942.47	0.00297	(15103102)
377773.41	3745936.53	0.00334	(15103102)	377671.09	3745939.83	0.00445	(14043022)
377634.45	3745937.52	0.00481	(14043022)	377585.60	3745941.48	0.00527	(15012419)
377572.06	3745940.16	0.00542	(15012419)	377525.85	3745939.17	0.00586	(13051101)
378905.23	3745961.79	0.00033	(16102207)	378905.83	3745921.75	0.00024	(13071506)
378887.76	3745843.80	0.00017	(16100607)	378641.43	3747296.68	0.00011	(12092907)
377346.58	3745857.72	0.00826	(16091922)	377222.46	3745780.01	0.00896	(15101102)
377185.56	3745779.45	0.00706	(13051301)	377106.17	3745766.03	0.00773	(14030504)
377287.74	3745779.61	0.00929	(14050106)	377219.40	3745700.53	0.00625	(12092124)
377324.76	3745779.63	0.01012	(13090403)	377192.94	3745640.24	0.00551	(14072004)
377124.96	3745640.98	0.00539	(14050201)				

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

*** AERMET - VERSION 16216 ***

*** 15:05:52

PAGE 29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE
GRID-ID			
ALL	1ST HIGHEST VALUE IS	0.00127 AT (377216.09, 3745829.72, 22.20, 22.20, 0.00)	GC
UCART1	2ND HIGHEST VALUE IS	0.00126 AT (377346.58, 3745857.72, 21.34, 21.34, 0.00)	DC
	3RD HIGHEST VALUE IS	0.00109 AT (377343.94, 3745923.33, 21.10, 21.10, 0.00)	DC
	4TH HIGHEST VALUE IS	0.00106 AT (377310.90, 3745922.12, 21.30, 21.30, 0.00)	DC
	5TH HIGHEST VALUE IS	0.00105 AT (377222.46, 3745780.01, 22.19, 22.19, 0.00)	DC
	6TH HIGHEST VALUE IS	0.00103 AT (377325.29, 3745926.58, 21.19, 21.19, 0.00)	DC
	7TH HIGHEST VALUE IS	0.00099 AT (377357.14, 3745829.72, 21.50, 21.50, 0.00)	GC UCART1
	8TH HIGHEST VALUE IS	0.00097 AT (377293.87, 3745920.49, 21.25, 21.25, 0.00)	DC
	9TH HIGHEST VALUE IS	0.00090 AT (377280.50, 3745921.71, 21.22, 21.22, 0.00)	DC
	10TH HIGHEST VALUE IS	0.00088 AT (377185.56, 3745779.45, 22.38, 22.38, 0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

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

*** 15:05:52

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

**

GROUP ID	DATE	NETWORK
AVERAGE CONC (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.01014 ON 14092902: AT (377357.14, 3745829.72, 21.50, 21.50, 0.00)
GC	UCART1	

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Op\24_007_Torrance_Op.isc *** 09/19/24

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

*** 15:05:52

PAGE 31

*** 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 10 Warning Message(s)
A Total of 1474 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1223 Calm Hours Identified

A Total of 251 Missing Hours Identified (0.57 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

SO W320	339	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	340	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	341	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	342	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	343	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	344	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	345	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	346	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	653	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	653	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** AERMOD Finishes Successfully ***

APPENDIX B.3 – AERMOD CUMULATIVE OPERATIONAL MODEL OUTPUT

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 9/20/2024
** File: C:\Lakes\AERMOD View\24_007_Op_Cumulative\24_007_Op_Cumulative.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  URBANOPT 9700000 LA_County_Population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 24_007_Op_Cumulative.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: W 205th St > Del Amo Blvd > Fwy Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.5192E-11
** Nodes = 16
** 377203.898, 3745805.662, 22.12, 2.64
** 377207.528, 3745795.289, 22.21, 2.64
** 377206.750, 3745623.886, 22.42, 2.64
** 377062.315, 3745625.182, 22.42, 2.64
** 377063.310, 3745973.570, 21.61, 2.64
** 377080.178, 3745969.263, 21.53, 2.64
** 377130.067, 3745962.444, 21.47, 2.64
** 377381.661, 3745961.726, 20.76, 2.64
** 378079.152, 3745955.485, 16.81, 2.64
```

** 378866.443, 3745947.751, 16.33, 2.64
** 378868.093, 3745946.926, 16.33, 2.64
** 378869.804, 3746564.065, 18.64, 2.64
** 378869.804, 3746861.885, 18.08, 2.64
** 378871.486, 3747127.736, 17.76, 2.64
** 378872.328, 3747152.134, 17.54, 2.64
** 378887.471, 3747223.645, 17.57, 2.64

** -----
LOCATION A0000153 AREA 377196.347 3745803.019 22.12
LOCATION A0000154 AREA 377199.528 3745795.325 22.22
LOCATION A0000155 AREA 377199.139 3745709.624 22.09
LOCATION A0000156 AREA 377206.822 3745631.885 22.45
LOCATION A0000157 AREA 377070.315 3745625.159 22.42
LOCATION A0000158 AREA 377070.647 3745741.289 22.18
LOCATION A0000159 AREA 377070.978 3745857.418 21.96
LOCATION A0000160 AREA 377061.331 3745965.819 21.63
LOCATION A0000161 AREA 377079.095 3745961.337 21.54
LOCATION A0000162 AREA 377130.044 3745954.444 21.66
LOCATION A0000163 AREA 377255.841 3745954.085 21.10
LOCATION A0000164 AREA 377381.590 3745953.727 20.74
LOCATION A0000165 AREA 377521.088 3745952.478 20.59
LOCATION A0000166 AREA 377660.586 3745951.230 20.45
LOCATION A0000167 AREA 377800.084 3745949.982 18.61
LOCATION A0000168 AREA 377939.582 3745948.733 16.21
LOCATION A0000169 AREA 378079.073 3745947.485 16.64
LOCATION A0000170 AREA 378236.532 3745945.938 15.54
LOCATION A0000171 AREA 378393.990 3745944.391 15.20
LOCATION A0000172 AREA 378551.448 3745942.845 15.71
LOCATION A0000173 AREA 378708.907 3745941.298 17.61
LOCATION A0000174 AREA 378862.866 3745940.595 16.38
LOCATION A0000175 AREA 378876.093 3745946.903 16.23
LOCATION A0000176 AREA 378876.521 3746101.188 16.94
LOCATION A0000177 AREA 378876.949 3746255.473 17.56
LOCATION A0000178 AREA 378877.376 3746409.758 18.64
LOCATION A0000179 AREA 378877.804 3746564.065 18.55
LOCATION A0000180 AREA 378877.804 3746712.975 18.08
LOCATION A0000181 AREA 378877.804 3746861.835 17.81
LOCATION A0000182 AREA 378878.645 3746994.760 17.73
LOCATION A0000183 AREA 378879.482 3747127.461 17.58
LOCATION A0000184 AREA 378880.154 3747150.477 17.58

** End of LINE AREA Source ID = OFFS1

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFS2

** DESCRSRC Offsite 2: SR-213 > 405 East

** PREFIX

** Length of Side = 9.50

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 2.3282E-11

** Nodes = 10

** 378887.102, 3747225.922, 17.52, 2.64

** 378686.110, 3747226.439, 18.30, 2.64

** 378685.594, 3747287.408, 19.19, 2.64

** 378687.660, 3747329.260, 20.37, 2.64
** 378695.927, 3747354.577, 21.37, 2.64
** 378712.461, 3747372.145, 20.90, 2.64
** 378735.712, 3747381.445, 23.00, 2.64
** 378753.280, 3747382.995, 23.35, 2.64
** 378816.316, 3747377.828, 18.13, 2.64
** 378902.602, 3747371.628, 17.70, 2.64

** -----
LOCATION A0000185 AREA 378887.114 3747230.672 17.52
LOCATION A0000186 AREA 378820.117 3747230.845 17.77
LOCATION A0000187 AREA 378753.120 3747231.017 18.13
LOCATION A0000188 AREA 378690.860 3747226.479 18.33
LOCATION A0000189 AREA 378690.338 3747287.174 19.07
LOCATION A0000190 AREA 378692.176 3747327.785 19.61
LOCATION A0000191 AREA 378699.386 3747351.322 21.10
LOCATION A0000192 AREA 378714.226 3747367.735 21.43
LOCATION A0000193 AREA 378736.130 3747376.714 21.18
LOCATION A0000194 AREA 378752.892 3747378.261 21.54
LOCATION A0000195 AREA 378815.975 3747373.091 20.95

** End of LINE AREA Source ID = OFFS2

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFS3

** DESCRSRC Offsite 3: SR-213 > 405 West

** PREFIX

** Length of Side = 9.50

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 2.3252E-11

** Nodes = 18

** 378886.585, 3747226.956, 17.52, 2.64
** 378896.919, 3747259.507, 17.40, 2.64
** 378900.019, 3747279.141, 17.29, 2.64
** 378898.986, 3747366.461, 17.62, 2.64
** 378900.019, 3747500.800, 17.02, 2.64
** 378957.371, 3747499.767, 17.77, 2.64
** 378993.539, 3747495.633, 18.03, 2.64
** 379009.557, 3747487.366, 19.25, 2.64
** 379018.857, 3747475.482, 19.53, 2.64
** 379024.541, 3747464.632, 19.05, 2.64
** 379025.057, 3747453.265, 19.41, 2.64
** 379025.057, 3747443.448, 19.60, 2.64
** 379017.307, 3747427.947, 22.43, 2.64
** 379005.423, 3747417.097, 22.24, 2.64
** 378981.656, 3747409.346, 21.14, 2.64
** 378954.271, 3747404.179, 23.77, 2.64
** 378916.553, 3747405.729, 18.85, 2.64
** 378906.219, 3747406.246, 17.39, 2.64

** -----
LOCATION A0000196 AREA 378891.112 3747225.518 17.52
LOCATION A0000197 AREA 378901.611 3747258.766 17.36
LOCATION A0000198 AREA 378904.769 3747279.197 17.30
LOCATION A0000199 AREA 378903.735 3747366.425 17.26
LOCATION A0000200 AREA 378904.252 3747433.594 17.18

LOCATION A0000201	AREA	378899.933	3747496.051	17.15
LOCATION A0000202	AREA	378956.832	3747495.047	17.70
LOCATION A0000203	AREA	378991.361	3747491.412	18.03
LOCATION A0000204	AREA	379005.816	3747484.439	18.76
LOCATION A0000205	AREA	379014.649	3747473.278	19.35
LOCATION A0000206	AREA	379019.795	3747464.416	19.29
LOCATION A0000207	AREA	379020.307	3747453.265	19.14
LOCATION A0000208	AREA	379020.809	3747445.572	19.49
LOCATION A0000209	AREA	379014.104	3747431.455	20.81
LOCATION A0000210	AREA	379003.951	3747421.613	21.52
LOCATION A0000211	AREA	378980.775	3747414.014	20.86
LOCATION A0000212	AREA	378954.466	3747408.925	20.69
LOCATION A0000213	AREA	378916.790	3747410.474	17.79

** End of LINE AREA Source ID = OFFS3

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = ONSL1

** DESCRSRC Onsite Link 1

** PREFIX

** Length of Side = 9.00

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 1.1779E-12

** Nodes = 2

** 377207.474, 3745807.129, 22.13, 2.64

** 377207.533, 3745825.523, 22.16, 2.64

** -----

LOCATION A0000224	AREA	377211.974	3745807.115	22.08

** End of LINE AREA Source ID = ONSL1

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = ONS1

** DESCRSRC Onsite 1: Link to Bldg 1

** PREFIX

** Length of Side = 11.00

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 5.169E-13

** Nodes = 6

** 377205.658, 3745826.489, 22.17, 2.64

** 377189.945, 3745830.854, 22.25, 2.64

** 377184.417, 3745835.800, 22.31, 2.64

** 377181.798, 3745843.947, 22.43, 2.64

** 377181.507, 3745873.044, 22.09, 2.64

** 377155.480, 3745872.834, 22.49, 2.64

** -----

LOCATION A0000225	AREA	377207.130	3745831.788	22.14

LOCATION A0000226	AREA	377193.613	3745834.952	22.24

LOCATION A0000227	AREA	377189.653	3745837.483	22.30

LOCATION A0000228	AREA	377187.298	3745844.002	22.31

LOCATION A0000229	AREA	377181.463	3745878.544	22.08

** End of LINE AREA Source ID = ONS1

** -----

** Line Source Represented by Area Sources

```

** LINE AREA Source ID = ONS2
** DESCRSRC Onsite 2: Link to Bldg 2
** PREFIX
** Length of Side = 11.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 4.3457E-13
** Nodes = 6
** 377209.320, 3745824.976, 22.11, 0.00
** 377217.403, 3745832.501, 22.08, 0.00
** 377220.468, 3745838.354, 22.07, 0.00
** 377221.583, 3745849.502, 22.05, 0.00
** 377221.373, 3745873.143, 21.94, 0.00
** 377244.187, 3745873.074, 21.97, 0.00
** -----
  LOCATION A0000217   AREA   377213.068 3745820.951 22.09
  LOCATION A0000218   AREA   377222.275 3745829.949 22.07
  LOCATION A0000219   AREA   377225.941 3745837.807 22.05
  LOCATION A0000220   AREA   377227.083 3745849.551 22.01
  LOCATION A0000221   AREA   377221.356 3745867.643 21.95
** End of LINE AREA Source ID = ONS2
  LOCATION IDLE1     POINT   377155.280 3745872.790   22.330
** DESCRSRC Idling Source 1
  LOCATION IDLE2     POINT   377155.280 3745866.460   22.350
** DESCRSRC Idling Source 2
  LOCATION IDLE3     POINT   377155.280 3745860.137   22.380
** DESCRSRC Idling Source
  LOCATION IDLE4     POINT   377155.193 3745853.973   22.410
** DESCRSRC Idling Source
  LOCATION IDLE5     POINT   377243.023 3745863.701   21.980
** DESCRSRC Idling Source
  LOCATION IDLE6     POINT   377243.023 3745876.353   21.960
** DESCRSRC Idling Source 6
  LOCATION IDLE7     POINT   377243.023 3745870.023   21.970
** DESCRSRC Idling Source 7
  LOCATION IDLE8     POINT   377242.936 3745857.536   21.980
** DESCRSRC Idling Source 8
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = ONSC1
** DESCRSRC Onsite 1: Full link
** PREFIX CML
** Length of Side = 11.00
** Ratio = 10
** Vertical Dimension = 3.04
** Emission Rate = 2.9376E-09
** Nodes = 6
** 377550.917, 3745807.224, 21.36, 3.26
** 377551.296, 3745891.029, 21.00, 3.26
** 377412.884, 3745891.029, 21.17, 3.26
** 377413.264, 3745903.164, 21.16, 3.26
** 377343.489, 3745903.164, 21.37, 3.26
** 377343.110, 3745804.569, 21.54, 3.26
** -----

```

LOCATION A0000230	AREA	377556.417	3745807.199	21.36
LOCATION A0000231	AREA	377551.296	3745896.529	20.99
LOCATION A0000232	AREA	377482.090	3745896.529	21.38
LOCATION A0000233	AREA	377418.382	3745890.857	21.26
LOCATION A0000234	AREA	377413.264	3745908.664	21.03
LOCATION A0000235	AREA	377337.989	3745903.185	21.31

** End of LINE AREA Source ID = ONSC1

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFSC1

** DESCRSRC Cumulative Offsite 1: East Drvwy

** PREFIX

** Length of Side = 13.50

** Ratio = 10

** Vertical Dimension = 3.04

** Emission Rate = 1.8605E-10

** Nodes = 3

** 377550.045, 3745804.700, 21.36, 3.26

** 377549.152, 3745619.553, 21.47, 3.26

** 377208.749, 3745620.891, 22.40, 3.26

** -----

LOCATION A0000240	AREA	377543.295	3745804.733	21.43

LOCATION A0000241	AREA	377542.849	3745712.159	21.84

LOCATION A0000242	AREA	377549.179	3745626.302	21.51

LOCATION A0000243	AREA	377435.711	3745626.749	21.77

LOCATION A0000244	AREA	377322.243	3745627.195	21.87

** End of LINE AREA Source ID = OFFSC1

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFSC2

** DESCRSRC Cumulative Offsite 2: West Driveway > Crenshaw

** PREFIX

** Length of Side = 13.50

** Ratio = 10

** Vertical Dimension = 3.04

** Emission Rate = 1.8611E-10

** Nodes = 4

** 377342.590, 3745803.808, 21.56, 3.26

** 377342.590, 3745796.223, 21.71, 3.26

** 377208.303, 3745795.331, 22.16, 3.26

** 377206.518, 3745619.999, 22.44, 3.26

** -----

LOCATION A0000236	AREA	377335.840	3745803.808	21.78

LOCATION A0000237	AREA	377342.545	3745802.973	21.67

LOCATION A0000238	AREA	377201.553	3745795.400	22.21

LOCATION A0000239	AREA	377200.661	3745707.734	22.12

** End of LINE AREA Source ID = OFFSC2

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = OFFSC3

** DESCRSRC Cumulative Offsite 3

** PREFIX

** Length of Side = 16.00

** Ratio = 10

```

** Vertical Dimension = 3.04
** Emission Rate = 5.3696E-10
** Nodes = 8
** 377205.672, 3745622.094, 22.44, 3.26
** 377061.901, 3745623.384, 22.42, 3.26
** 377059.418, 3745984.308, 21.55, 3.26
** 377069.255, 3747017.181, 18.63, 3.26
** 377075.157, 3747072.268, 18.71, 3.26
** 377086.399, 3747128.952, 18.99, 3.26
** 377151.643, 3747241.318, 18.27, 3.26
** 378683.397, 3747225.942, 18.30, 3.26
** -----
LOCATION A0000245 AREA 377205.744 3745630.094 22.44
LOCATION A0000246 AREA 377069.901 3745623.439 22.43
LOCATION A0000247 AREA 377069.073 3745743.747 22.17
LOCATION A0000248 AREA 377068.245 3745864.055 21.94
LOCATION A0000249 AREA 377067.417 3745984.232 21.56
LOCATION A0000250 AREA 377068.823 3746131.785 21.32
LOCATION A0000251 AREA 377070.228 3746279.339 20.83
LOCATION A0000252 AREA 377071.633 3746426.892 20.33
LOCATION A0000253 AREA 377073.038 3746574.445 20.05
LOCATION A0000254 AREA 377074.444 3746721.999 18.44
LOCATION A0000255 AREA 377075.849 3746869.552 18.13
LOCATION A0000256 AREA 377077.209 3747016.329 18.43
LOCATION A0000257 AREA 377083.004 3747070.712 18.75
LOCATION A0000258 AREA 377093.317 3747124.935 18.95
LOCATION A0000259 AREA 377151.563 3747233.318 18.21
LOCATION A0000260 AREA 377304.738 3747231.781 17.99
LOCATION A0000261 AREA 377457.914 3747230.243 19.70
LOCATION A0000262 AREA 377611.089 3747228.705 19.20
LOCATION A0000263 AREA 377764.265 3747227.168 18.23
LOCATION A0000264 AREA 377917.440 3747225.630 18.89
LOCATION A0000265 AREA 378070.615 3747224.092 19.62
LOCATION A0000266 AREA 378223.791 3747222.555 19.95
LOCATION A0000267 AREA 378376.966 3747221.017 19.60
LOCATION A0000268 AREA 378530.141 3747219.480 18.87
** End of LINE AREA Source ID = OFFSC3
LOCATION CIDLE1 POINT 377407.270 3745876.850 21.210
** DESCRSRC Cumulative Idle 1
LOCATION CIDLE2 POINT 377414.630 3745876.850 21.300
** DESCRSRC cumulative idle 2
LOCATION STCK1 POINT 377431.751 3745876.716 21.440
** DESCRSRC Cumulative Idle 1
LOCATION STCK2 POINT 377439.111 3745876.716 21.410
** DESCRSRC cumulative idle 2
LOCATION STCK3 POINT 377455.109 3745876.826 21.370
** DESCRSRC Cumulative Idle 1
LOCATION STCK4 POINT 377462.469 3745876.826 21.420
** DESCRSRC cumulative idle 2
LOCATION STCK5 POINT 377479.023 3745876.567 21.520
** DESCRSRC Cumulative Idle 1
LOCATION STCK6 POINT 377486.383 3745876.567 21.480
** DESCRSRC cumulative idle 2
LOCATION STCK7 POINT 377509.076 3745876.360 21.390

```

** DESCRSRC Cumulative Idle 1

LOCATION STCK8 POINT 377516.436 3745876.360 21.370

** DESCRSRC cumulative idle 2

** Source Parameters **

** LINE AREA Source ID = OFFS1

SRCPARAM A0000153	5.5192E-11	2.644	10.989	16.000	70.710	2.459
SRCPARAM A0000154	5.5192E-11	2.644	85.703	16.000	90.260	2.459
SRCPARAM A0000155	5.5192E-11	2.644	85.703	16.000	90.260	2.459
SRCPARAM A0000156	5.5192E-11	2.644	144.441	16.000	-179.486	2.459
SRCPARAM A0000157	5.5192E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000158	5.5192E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000159	5.5192E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000160	5.5192E-11	2.644	17.410	16.000	14.323	2.459
SRCPARAM A0000161	5.5192E-11	2.644	50.352	16.000	7.784	2.459
SRCPARAM A0000162	5.5192E-11	2.644	125.798	16.000	0.163	2.459
SRCPARAM A0000163	5.5192E-11	2.644	125.798	16.000	0.163	2.459
SRCPARAM A0000164	5.5192E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000165	5.5192E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000166	5.5192E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000167	5.5192E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000168	5.5192E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000169	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000170	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000171	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000172	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000173	5.5192E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000174	5.5192E-11	2.644	1.845	16.000	26.565	2.459
SRCPARAM A0000175	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000176	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000177	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000178	5.5192E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000179	5.5192E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000180	5.5192E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000181	5.5192E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000182	5.5192E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000183	5.5192E-11	2.644	24.412	16.000	-88.025	2.459
SRCPARAM A0000184	5.5192E-11	2.644	73.096	16.000	-78.043	2.459

** -----

** LINE AREA Source ID = OFFS2

SRCPARAM A0000185	2.3282E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000186	2.3282E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000187	2.3282E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000188	2.3282E-11	2.644	60.971	9.500	-90.486	2.459
SRCPARAM A0000189	2.3282E-11	2.644	41.903	9.500	-87.173	2.459
SRCPARAM A0000190	2.3282E-11	2.644	26.633	9.500	-71.917	2.459
SRCPARAM A0000191	2.3282E-11	2.644	24.124	9.500	-46.736	2.459
SRCPARAM A0000192	2.3282E-11	2.644	25.042	9.500	-21.801	2.459
SRCPARAM A0000193	2.3282E-11	2.644	17.636	9.500	-5.042	2.459
SRCPARAM A0000194	2.3282E-11	2.644	63.247	9.500	4.686	2.459
SRCPARAM A0000195	2.3282E-11	2.644	86.509	9.500	4.110	2.459

** -----

** LINE AREA Source ID = OFFS3

SRCPARAM A0000196	2.3252E-11	2.644	34.152	9.500	-72.387	2.459
SRCPARAM A0000197	2.3252E-11	2.644	19.877	9.500	-81.027	2.459

SRCPARAM A0000198	2.3252E-11	2.644	87.326	9.500	-90.678	2.459
SRCPARAM A0000199	2.3252E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000200	2.3252E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000201	2.3252E-11	2.644	57.362	9.500	1.032	2.459
SRCPARAM A0000202	2.3252E-11	2.644	36.404	9.500	6.520	2.459
SRCPARAM A0000203	2.3252E-11	2.644	18.025	9.500	27.300	2.459
SRCPARAM A0000204	2.3252E-11	2.644	15.090	9.500	51.953	2.459
SRCPARAM A0000205	2.3252E-11	2.644	12.249	9.500	62.354	2.459
SRCPARAM A0000206	2.3252E-11	2.644	11.379	9.500	87.397	2.459
SRCPARAM A0000207	2.3252E-11	2.644	9.817	9.500	90.000	2.459
SRCPARAM A0000208	2.3252E-11	2.644	17.330	9.500	116.565	2.459
SRCPARAM A0000209	2.3252E-11	2.644	16.092	9.500	137.603	2.459
SRCPARAM A0000210	2.3252E-11	2.644	24.999	9.500	161.940	2.459
SRCPARAM A0000211	2.3252E-11	2.644	27.868	9.500	169.315	2.459
SRCPARAM A0000212	2.3252E-11	2.644	37.750	9.500	-177.647	2.459
SRCPARAM A0000213	2.3252E-11	2.644	10.347	9.500	-177.138	2.459
** -----						
** LINE AREA Source ID = ONSL1						
SRCPARAM A0000224	1.1779E-12	2.644	18.394	9.000	-89.814	2.459
** -----						
** LINE AREA Source ID = ONS1						
SRCPARAM A0000225	5.169E-13	2.644	16.307	11.000	-164.476	2.459
SRCPARAM A0000226	5.169E-13	2.644	7.418	11.000	-138.180	2.459
SRCPARAM A0000227	5.169E-13	2.644	8.558	11.000	-107.819	2.459
SRCPARAM A0000228	5.169E-13	2.644	29.099	11.000	-90.573	2.459
SRCPARAM A0000229	5.169E-13	2.644	26.028	11.000	179.537	2.459
** -----						
** LINE AREA Source ID = ONS2						
SRCPARAM A0000217	4.3457E-13	0.000	11.043	11.000	-42.955	2.459
SRCPARAM A0000218	4.3457E-13	0.000	6.607	11.000	-62.354	2.459
SRCPARAM A0000219	4.3457E-13	0.000	11.203	11.000	-84.289	2.459
SRCPARAM A0000220	4.3457E-13	0.000	23.642	11.000	-90.510	2.459
SRCPARAM A0000221	4.3457E-13	0.000	22.814	11.000	0.172	2.459
** -----						
SRCPARAM IDLE1	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE2	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM DIEL3	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE4	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE5	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE6	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE7	1.85E-06	3.660	366.483	51.7	0.1	
SRCPARAM IDLE8	1.85E-06	3.660	366.483	51.7	0.1	
** LINE AREA Source ID = ONSC1						
SRCPARAM A0000230	2.9376E-09	3.264	83.806	11.000	-89.741	3.036
SRCPARAM A0000231	2.9376E-09	3.264	69.206	11.000	180.000	3.036
SRCPARAM A0000232	2.9376E-09	3.264	69.206	11.000	180.000	3.036
SRCPARAM A0000233	2.9376E-09	3.264	12.141	11.000	-88.210	3.036
SRCPARAM A0000234	2.9376E-09	3.264	69.775	11.000	180.000	3.036
SRCPARAM A0000235	2.9376E-09	3.264	98.596	11.000	90.220	3.036
** -----						
** LINE AREA Source ID = OFFSC1						
SRCPARAM A0000240	1.8605E-10	3.264	92.575	13.500	90.276	3.036
SRCPARAM A0000241	1.8605E-10	3.264	92.575	13.500	90.276	3.036
SRCPARAM A0000242	1.8605E-10	3.264	113.469	13.500	-179.775	3.036

[illegible]

[illegible]

[illegible]

BUILDHGT STCK7	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK7	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK7	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK8	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK8	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK8	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK8	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK8	13.72	13.72	13.72	13.72	13.72	13.72
BUILDHGT STCK8	13.72	13.72	13.72	13.72	13.72	13.72
BUILDWID IDLE1	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE1	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE1	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE1	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE1	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE1	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE2	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE2	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE2	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE2	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE2	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE2	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID DIEL3	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID DIEL3	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID DIEL3	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID DIEL3	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID DIEL3	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID DIEL3	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE4	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE4	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE4	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE4	88.00	101.82	112.55	119.86	123.53	123.44
BUILDWID IDLE4	119.61	112.14	101.26	110.42	118.00	122.00
BUILDWID IDLE4	122.29	118.87	111.83	101.40	87.89	73.42
BUILDWID IDLE5	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE5	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE5	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE5	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE5	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE5	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE6	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE6	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE6	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE6	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE6	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE6	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE7	96.19	105.75	112.08	115.02	114.45	110.41

BUILDWID IDLE7	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE7	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE7	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE7	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE7	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE8	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE8	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE8	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID IDLE8	96.19	105.75	112.08	115.02	114.45	110.41
BUILDWID IDLE8	103.02	92.50	79.30	92.37	102.68	109.86
BUILDWID IDLE8	113.71	114.10	111.03	104.58	94.95	84.36
BUILDWID CIDLE1	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID CIDLE1	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID CIDLE1	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID CIDLE1	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID CIDLE1	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID CIDLE1	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID CIDLE2	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID CIDLE2	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID CIDLE2	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID CIDLE2	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID CIDLE2	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID CIDLE2	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK1	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK1	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK1	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK1	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK1	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK1	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK2	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK2	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK2	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK2	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK2	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK2	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK3	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK3	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK3	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK3	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK3	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK3	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK4	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK4	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK4	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK4	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK4	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK4	163.93	179.82	190.24	194.88	193.60	186.44

BUILDWID STCK5	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK5	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK5	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK5	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK5	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK5	163.93	179.82	190.24	194.88	193.60	186.44

BUILDWID STCK6	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK6	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK6	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK6	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK6	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK6	163.93	179.82	190.24	194.88	193.60	186.44

BUILDWID STCK7	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK7	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK7	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK7	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK7	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK7	163.93	179.82	190.24	194.88	193.60	186.44

BUILDWID STCK8	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK8	134.83	106.99	75.89	89.06	117.85	143.07
BUILDWID STCK8	163.93	179.82	190.24	194.88	193.60	186.44
BUILDWID STCK8	196.07	200.47	198.77	191.04	177.51	158.58
BUILDWID STCK8	134.83	106.99	75.89	89.06	117.86	143.07
BUILDWID STCK8	163.93	179.82	190.24	194.88	193.60	186.44

BUILDLN IDLE1	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN IDLE1	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN IDLE1	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLN IDLE1	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN IDLE1	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN IDLE1	119.86	123.53	123.44	119.61	112.14	101.26

BUILDLN IDLE2	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN IDLE2	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN IDLE2	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLN IDLE2	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN IDLE2	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN IDLE2	119.86	123.53	123.44	119.61	112.14	101.26

BUILDLN DIEL3	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN DIEL3	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN DIEL3	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLN DIEL3	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN DIEL3	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN DIEL3	119.86	123.53	123.44	119.61	112.14	101.26

BUILDLN IDLE4	110.42	118.00	122.00	122.29	118.87	111.83
BUILDLN IDLE4	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLN IDLE4	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLN IDLE4	110.42	118.00	122.00	122.29	118.87	111.83

BUILDLLEN IDLE4	101.40	87.89	73.42	88.00	101.82	112.55
BUILDLLEN IDLE4	119.86	123.53	123.44	119.61	112.14	101.26
BUILDLLEN IDLE5	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE5	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE5	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE5	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE5	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE5	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE6	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE6	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE6	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE6	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE6	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE6	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE7	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE7	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE7	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE7	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE7	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE7	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE8	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE8	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE8	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN IDLE8	92.37	102.68	109.86	113.71	114.10	111.03
BUILDLLEN IDLE8	104.58	94.95	84.36	96.19	105.75	112.08
BUILDLLEN IDLE8	115.02	114.45	110.41	103.02	92.50	79.30
BUILDLLEN CIDLE1	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN CIDLE1	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLLEN CIDLE1	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLLEN CIDLE1	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN CIDLE1	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLLEN CIDLE1	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLLEN CIDLE2	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN CIDLE2	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLLEN CIDLE2	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLLEN CIDLE2	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN CIDLE2	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLLEN CIDLE2	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLLEN STCK1	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN STCK1	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLLEN STCK1	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLLEN STCK1	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN STCK1	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLLEN STCK1	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLLEN STCK2	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLLEN STCK2	194.88	193.60	186.44	196.07	200.47	198.77

BUILDLEN STCK2	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK2	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK2	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK2	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK3	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK3	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK3	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK3	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK3	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK3	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK4	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK4	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK4	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK4	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK4	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK4	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK5	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK5	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK5	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK5	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK5	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK5	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK6	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK6	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK6	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK6	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK6	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK6	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK7	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK7	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK7	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK7	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK7	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK7	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK8	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK8	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK8	191.04	177.51	158.58	134.83	106.99	75.89
BUILDLEN STCK8	89.06	117.85	143.07	163.93	179.82	190.24
BUILDLEN STCK8	194.88	193.60	186.44	196.07	200.47	198.77
BUILDLEN STCK8	191.04	177.51	158.58	134.83	106.99	75.89
XBADJ IDLE1	-83.83	-90.24	-93.90	-94.72	-92.66	-87.78
XBADJ IDLE1	-80.23	-70.25	-58.13	-60.16	-61.94	-61.83
XBADJ IDLE1	-59.85	-56.04	-50.54	-43.49	-35.13	-25.70
XBADJ IDLE1	-26.59	-27.77	-28.10	-27.57	-26.21	-24.06
XBADJ IDLE1	-21.17	-17.64	-15.29	-27.83	-39.88	-50.72
XBADJ IDLE1	-60.01	-67.49	-72.91	-76.11	-77.01	-75.56

XBADJ	IDLE2	-77.59	-84.29	-88.42	-89.87	-88.59	-84.61
XBADJ	IDLE2	-78.07	-69.15	-58.13	-61.26	-64.10	-65.00
XBADJ	IDLE2	-63.92	-60.89	-56.02	-49.44	-41.36	-32.03
XBADJ	IDLE2	-32.83	-33.72	-33.58	-32.42	-30.28	-27.22
XBADJ	IDLE2	-23.33	-18.74	-15.29	-26.73	-37.72	-47.55
XBADJ	IDLE2	-55.94	-62.64	-67.42	-70.16	-70.77	-69.23
XBADJ	DIEL3	-71.37	-78.35	-82.95	-85.03	-84.52	-81.45
XBADJ	DIEL3	-75.90	-68.05	-58.13	-62.36	-66.27	-68.16
XBADJ	DIEL3	-67.98	-65.73	-61.49	-55.38	-47.59	-38.35
XBADJ	DIEL3	-39.05	-39.65	-39.05	-37.27	-34.35	-30.38
XBADJ	DIEL3	-25.50	-19.83	-15.29	-25.64	-35.56	-44.39
XBADJ	DIEL3	-51.88	-57.80	-61.95	-64.23	-64.55	-62.91
XBADJ	IDLE4	-65.28	-72.52	-77.56	-80.24	-80.49	-78.29
XBADJ	IDLE4	-73.71	-66.89	-58.04	-63.34	-68.29	-71.16
XBADJ	IDLE4	-71.88	-70.40	-66.79	-61.15	-53.65	-44.52
XBADJ	IDLE4	-45.14	-45.48	-44.44	-42.05	-38.38	-33.54
XBADJ	IDLE4	-27.69	-20.99	-15.38	-24.65	-33.53	-41.39
XBADJ	IDLE4	-47.99	-53.13	-56.65	-58.46	-58.49	-56.74
XBADJ	IDLE5	-46.44	-46.24	-44.64	-41.69	-37.46	-32.10
XBADJ	IDLE5	-25.77	-18.65	-12.88	-18.57	-23.70	-28.10
XBADJ	IDLE5	-31.66	-34.25	-35.80	-36.26	-35.62	-34.04
XBADJ	IDLE5	-45.94	-56.43	-65.22	-72.02	-76.64	-78.92
XBADJ	IDLE5	-78.81	-76.31	-71.48	-77.62	-82.05	-83.98
XBADJ	IDLE5	-83.36	-80.21	-74.62	-66.76	-56.87	-45.26
XBADJ	IDLE6	-58.89	-58.13	-55.60	-51.38	-45.59	-38.43
XBADJ	IDLE6	-30.09	-20.84	-12.88	-16.37	-19.37	-21.78
XBADJ	IDLE6	-23.53	-24.56	-24.84	-24.37	-23.16	-21.39
XBADJ	IDLE6	-33.48	-44.55	-54.26	-62.33	-68.51	-72.60
XBADJ	IDLE6	-74.49	-74.11	-71.48	-79.82	-86.37	-90.30
XBADJ	IDLE6	-91.49	-89.90	-85.57	-78.65	-69.33	-57.91
XBADJ	IDLE7	-52.66	-52.18	-50.11	-46.53	-41.53	-35.26
XBADJ	IDLE7	-27.93	-19.74	-12.88	-17.47	-21.54	-24.94
XBADJ	IDLE7	-27.59	-29.41	-30.32	-30.32	-29.40	-27.72
XBADJ	IDLE7	-39.71	-50.50	-59.75	-67.18	-72.57	-75.76
XBADJ	IDLE7	-76.65	-75.21	-71.48	-78.72	-84.21	-87.14
XBADJ	IDLE7	-87.42	-85.05	-80.09	-72.70	-63.10	-51.58
XBADJ	IDLE8	-40.36	-40.43	-39.27	-36.92	-33.44	-28.95
XBADJ	IDLE8	-23.58	-17.50	-12.80	-19.56	-25.73	-31.12
XBADJ	IDLE8	-35.56	-38.92	-41.09	-42.02	-41.67	-40.20
XBADJ	IDLE8	-52.02	-62.25	-70.59	-76.79	-80.66	-82.07
XBADJ	IDLE8	-80.99	-77.45	-71.56	-76.63	-80.02	-80.97
XBADJ	IDLE8	-79.46	-75.54	-69.32	-61.00	-50.82	-39.10
XBADJ	CIDLE1	-68.01	-74.29	-78.32	-79.96	-79.18	-75.99
XBADJ	CIDLE1	-70.49	-62.85	-53.30	-54.44	-54.60	-53.10
XBADJ	CIDLE1	-49.99	-45.36	-39.35	-32.14	-23.96	-15.05
XBADJ	CIDLE1	-21.05	-43.56	-64.75	-83.97	-100.64	-114.25
XBADJ	CIDLE1	-124.39	-130.75	-133.14	-141.62	-145.86	-145.67

XBADJ	CIDLE1	-141.05	-132.15	-119.23	-102.69	-83.02	-60.84
XBADJ	CIDLE2	-69.29	-76.81	-82.00	-84.69	-84.82	-82.36
XBADJ	CIDLE2	-77.41	-70.10	-60.66	-61.69	-61.52	-59.48
XBADJ	CIDLE2	-55.63	-50.09	-43.03	-34.66	-25.24	-15.05
XBADJ	CIDLE2	-19.77	-41.05	-61.07	-79.24	-95.00	-107.88
XBADJ	CIDLE2	-117.48	-123.50	-125.78	-134.37	-138.95	-139.30
XBADJ	CIDLE2	-135.41	-127.42	-115.55	-100.17	-81.75	-60.84
XBADJ	STCK1	-72.13	-82.54	-90.44	-95.60	-97.85	-97.12
XBADJ	STCK1	-93.45	-86.94	-77.78	-78.57	-77.65	-74.37
XBADJ	STCK1	-68.83	-61.19	-51.70	-40.64	-28.34	-15.18
XBADJ	STCK1	-16.93	-35.31	-52.62	-68.34	-81.97	-93.12
XBADJ	STCK1	-101.43	-106.67	-108.66	-117.49	-122.81	-124.41
XBADJ	STCK1	-122.22	-116.31	-106.88	-94.19	-78.65	-60.71
XBADJ	STCK2	-73.41	-85.06	-94.12	-100.33	-103.49	-103.50
XBADJ	STCK2	-100.37	-94.18	-85.14	-85.82	-84.57	-80.74
XBADJ	STCK2	-74.47	-65.92	-55.38	-43.15	-29.62	-15.18
XBADJ	STCK2	-15.65	-32.80	-48.94	-63.61	-76.33	-86.74
XBADJ	STCK2	-94.52	-99.42	-101.30	-110.24	-115.90	-118.03
XBADJ	STCK2	-116.58	-111.58	-103.20	-91.67	-77.37	-60.71
XBADJ	STCK3	-76.30	-90.64	-102.22	-110.70	-115.81	-117.41
XBADJ	STCK3	-115.44	-109.96	-101.14	-101.56	-99.57	-94.54
XBADJ	STCK3	-86.65	-76.13	-63.29	-48.52	-32.29	-15.07
XBADJ	STCK3	-12.76	-27.22	-40.85	-53.24	-64.01	-72.83
XBADJ	STCK3	-79.44	-83.64	-85.30	-94.51	-100.90	-104.23
XBADJ	STCK3	-104.39	-101.38	-95.29	-86.31	-74.70	-60.82
XBADJ	STCK4	-77.57	-93.15	-105.90	-115.43	-121.45	-123.78
XBADJ	STCK4	-122.35	-117.21	-108.50	-108.81	-106.48	-100.92
XBADJ	STCK4	-92.29	-80.86	-66.97	-51.04	-33.57	-15.07
XBADJ	STCK4	-11.49	-24.70	-37.17	-48.51	-58.37	-66.46
XBADJ	STCK4	-72.53	-76.39	-77.94	-87.26	-93.98	-97.86
XBADJ	STCK4	-98.75	-96.65	-91.61	-83.79	-73.42	-60.82
XBADJ	STCK5	-80.19	-98.57	-113.95	-125.87	-133.96	-137.99
XBADJ	STCK5	-137.82	-133.46	-125.05	-125.15	-122.12	-115.38
XBADJ	STCK5	-105.13	-91.69	-75.47	-56.95	-36.70	-15.33
XBADJ	STCK5	-8.87	-19.29	-29.12	-38.07	-45.86	-52.26
XBADJ	STCK5	-57.07	-60.14	-61.39	-70.91	-78.34	-83.39
XBADJ	STCK5	-85.91	-85.81	-83.11	-77.88	-70.29	-60.56
XBADJ	STCK6	-81.47	-101.09	-117.63	-130.60	-139.60	-144.36
XBADJ	STCK6	-144.73	-140.71	-132.41	-132.40	-129.04	-121.76
XBADJ	STCK6	-110.77	-96.42	-79.15	-59.46	-37.97	-15.33
XBADJ	STCK6	-7.59	-16.77	-25.44	-33.34	-40.22	-45.88
XBADJ	STCK6	-50.15	-52.89	-54.03	-63.67	-71.43	-77.02
XBADJ	STCK6	-80.27	-81.08	-79.43	-75.37	-69.01	-60.56
XBADJ	STCK7	-85.21	-108.65	-128.80	-145.03	-156.85	-163.91
XBADJ	STCK7	-165.99	-163.03	-155.11	-154.79	-150.44	-141.52
XBADJ	STCK7	-128.30	-111.18	-90.68	-67.42	-42.12	-15.54

XBADJ	STCK7	-3.85	-9.20	-14.27	-18.91	-22.97	-26.33
XBADJ	STCK7	-28.89	-30.57	-31.33	-41.27	-50.03	-57.26
XBADJ	STCK7	-62.75	-66.33	-67.90	-67.41	-64.86	-60.35
XBADJ	STCK8	-86.48	-111.17	-132.48	-149.76	-162.49	-170.29
XBADJ	STCK8	-172.91	-170.28	-162.47	-162.04	-157.36	-147.89
XBADJ	STCK8	-133.93	-115.91	-94.36	-69.94	-43.40	-15.54
XBADJ	STCK8	-2.58	-6.69	-10.59	-14.17	-17.33	-19.95
XBADJ	STCK8	-21.97	-23.33	-23.97	-34.03	-43.11	-50.88
XBADJ	STCK8	-57.11	-61.60	-64.22	-64.89	-63.59	-60.35
YBADJ	IDLE1	16.16	11.03	5.56	-0.08	-5.72	-11.19
YBADJ	IDLE1	-16.31	-20.94	-24.93	-28.62	-31.23	-32.90
YBADJ	IDLE1	-33.57	-33.22	-31.86	-29.53	-26.31	-21.42
YBADJ	IDLE1	-16.16	-11.03	-5.56	0.08	5.72	11.19
YBADJ	IDLE1	16.31	20.94	24.93	28.62	31.23	32.90
YBADJ	IDLE1	33.57	33.22	31.86	29.53	26.31	21.42
YBADJ	IDLE2	17.26	13.19	8.72	3.99	-0.87	-5.70
YBADJ	IDLE2	-10.36	-14.70	-18.60	-22.38	-25.29	-27.42
YBADJ	IDLE2	-28.72	-29.15	-28.70	-27.37	-25.21	-21.42
YBADJ	IDLE2	-17.26	-13.19	-8.72	-3.99	0.87	5.70
YBADJ	IDLE2	10.36	14.70	18.60	22.38	25.29	27.42
YBADJ	IDLE2	28.72	29.15	28.70	27.37	25.21	21.42
YBADJ	DIEL3	18.36	15.35	11.88	8.05	3.97	-0.23
YBADJ	DIEL3	-4.42	-8.48	-12.28	-16.16	-19.35	-21.95
YBADJ	DIEL3	-23.88	-25.09	-25.54	-25.20	-24.11	-21.42
YBADJ	DIEL3	-18.36	-15.35	-11.88	-8.05	-3.97	0.23
YBADJ	DIEL3	4.42	8.48	12.28	16.16	19.35	21.95
YBADJ	DIEL3	23.88	25.09	25.54	25.20	24.11	21.42
YBADJ	IDLE4	19.34	17.38	14.89	11.95	8.64	5.07
YBADJ	IDLE4	1.35	-2.42	-6.11	-10.07	-13.52	-16.56
YBADJ	IDLE4	-19.10	-21.05	-22.37	-23.01	-22.95	-21.33
YBADJ	IDLE4	-19.34	-17.38	-14.89	-11.94	-8.64	-5.07
YBADJ	IDLE4	-1.35	2.42	6.11	10.07	13.52	16.56
YBADJ	IDLE4	19.10	21.05	22.37	23.01	22.95	21.33
YBADJ	IDLE5	-29.53	-29.17	-27.94	-25.85	-22.98	-19.41
YBADJ	IDLE5	-15.25	-10.63	-5.61	-0.25	5.10	10.29
YBADJ	IDLE5	15.17	19.59	23.41	26.52	28.83	29.30
YBADJ	IDLE5	29.53	29.17	27.94	25.85	22.98	19.41
YBADJ	IDLE5	15.25	10.63	5.61	0.25	-5.10	-10.29
YBADJ	IDLE5	-15.17	-19.59	-23.41	-26.52	-28.83	-29.30
YBADJ	IDLE6	-31.72	-33.50	-34.26	-33.98	-32.67	-30.36
YBADJ	IDLE6	-27.14	-23.08	-18.26	-12.71	-6.79	-0.67
YBADJ	IDLE6	5.48	11.46	17.09	22.20	26.63	29.30
YBADJ	IDLE6	31.72	33.50	34.26	33.98	32.67	30.36
YBADJ	IDLE6	27.14	23.08	18.26	12.71	6.79	0.67
YBADJ	IDLE6	-5.48	-11.46	-17.09	-22.20	-26.63	-29.30
YBADJ	IDLE7	-30.62	-31.34	-31.10	-29.91	-27.82	-24.88

YBADJ	IDLE7	-21.19	-16.85	-11.93	-6.47	-0.84	4.82
YBADJ	IDLE7	10.33	15.52	20.25	24.36	27.73	29.30
YBADJ	IDLE7	30.62	31.34	31.10	29.91	27.82	24.88
YBADJ	IDLE7	21.19	16.85	11.93	6.47	0.84	-4.82
YBADJ	IDLE7	-10.33	-15.52	-20.25	-24.36	-27.73	-29.30
YBADJ	IDLE8	-28.54	-27.14	-24.93	-21.95	-18.31	-14.11
YBADJ	IDLE8	-9.49	-4.57	0.55	5.83	10.91	15.66
YBADJ	IDLE8	19.94	23.61	26.56	28.71	29.98	29.38
YBADJ	IDLE8	28.54	27.14	24.93	21.95	18.31	14.11
YBADJ	IDLE8	9.49	4.57	-0.55	-5.83	-10.91	-15.66
YBADJ	IDLE8	-19.94	-23.61	-26.56	-28.71	-29.98	-29.38
YBADJ	CIDLE1	-43.59	-45.63	-46.28	-45.53	-43.39	-39.94
YBADJ	CIDLE1	-35.27	-29.53	-22.89	-23.48	-15.36	-6.78
YBADJ	CIDLE1	2.00	10.73	19.13	26.95	33.95	39.92
YBADJ	CIDLE1	43.59	45.63	46.28	45.53	43.39	39.94
YBADJ	CIDLE1	35.27	29.53	22.89	23.48	15.36	6.78
YBADJ	CIDLE1	-2.00	-10.73	-19.13	-26.95	-33.95	-39.92
YBADJ	CIDLE2	-36.34	-38.71	-39.91	-39.89	-38.66	-36.26
YBADJ	CIDLE2	-32.75	-28.25	-22.89	-24.76	-17.88	-10.46
YBADJ	CIDLE2	-2.73	5.09	12.76	20.03	26.70	32.56
YBADJ	CIDLE2	36.34	38.71	39.91	39.89	38.66	36.26
YBADJ	CIDLE2	32.75	28.25	22.89	24.76	17.88	10.46
YBADJ	CIDLE2	2.73	-5.09	-12.76	-20.03	-26.70	-32.56
YBADJ	STCK1	-19.46	-22.58	-25.02	-26.69	-27.56	-27.59
YBADJ	STCK1	-26.78	-25.15	-22.76	-27.60	-23.61	-18.91
YBADJ	STCK1	-13.63	-7.94	-2.00	3.99	9.87	15.44
YBADJ	STCK1	19.46	22.58	25.02	26.69	27.56	27.59
YBADJ	STCK1	26.78	25.15	22.76	27.60	23.61	18.91
YBADJ	STCK1	13.63	7.94	2.00	-3.99	-9.87	-15.44
YBADJ	STCK2	-12.21	-15.67	-18.64	-21.06	-22.83	-23.91
YBADJ	STCK2	-24.26	-23.88	-22.76	-28.88	-26.13	-22.59
YBADJ	STCK2	-18.36	-13.58	-8.38	-2.92	2.62	8.08
YBADJ	STCK2	12.21	15.67	18.64	21.06	22.83	23.91
YBADJ	STCK2	24.26	23.88	22.76	28.88	26.13	22.59
YBADJ	STCK2	18.36	13.58	8.38	2.92	-2.62	-8.08
YBADJ	STCK3	3.53	-0.67	-4.84	-8.87	-12.63	-16.00
YBADJ	STCK3	-18.89	-21.21	-22.88	-31.77	-31.71	-30.69
YBADJ	STCK3	-28.73	-25.90	-22.29	-18.00	-13.16	-7.92
YBADJ	STCK3	-3.53	0.67	4.84	8.87	12.63	16.00
YBADJ	STCK3	18.89	21.21	22.88	31.77	31.71	30.69
YBADJ	STCK3	28.73	25.90	22.29	18.00	13.16	7.92
YBADJ	STCK4	10.78	6.25	1.53	-3.23	-7.90	-12.32
YBADJ	STCK4	-16.37	-19.93	-22.88	-33.04	-34.22	-34.37
YBADJ	STCK4	-33.46	-31.54	-28.66	-24.91	-20.41	-15.28
YBADJ	STCK4	-10.78	-6.25	-1.53	3.23	7.90	12.32
YBADJ	STCK4	16.37	19.93	22.88	33.04	34.22	34.37
YBADJ	STCK4	33.46	31.54	28.66	24.91	20.41	15.28

YBADJ	STCK5	27.12	21.89	15.99	9.61	2.94	-3.82
YBADJ	STCK5	-10.47	-16.80	-22.62	-35.66	-39.64	-42.42
YBADJ	STCK5	-43.90	-44.05	-42.87	-40.38	-36.66	-31.83
YBADJ	STCK5	-27.12	-21.89	-15.99	-9.61	-2.94	3.82
YBADJ	STCK5	10.47	16.80	22.62	35.66	39.64	42.42
YBADJ	STCK5	43.90	44.05	42.87	40.38	36.66	31.83
YBADJ	STCK6	34.37	28.81	22.37	15.25	7.67	-0.14
YBADJ	STCK6	-7.95	-15.52	-22.62	-36.94	-42.16	-46.10
YBADJ	STCK6	-48.63	-49.69	-49.24	-47.29	-43.91	-39.19
YBADJ	STCK6	-34.37	-28.81	-22.37	-15.25	-7.67	0.14
YBADJ	STCK6	7.95	15.52	22.62	36.94	42.16	46.10
YBADJ	STCK6	48.63	49.69	49.24	47.29	43.91	39.19
YBADJ	STCK7	56.76	50.21	42.13	32.78	22.42	11.39
YBADJ	STCK7	0.01	-11.37	-22.41	-40.68	-49.72	-57.26
YBADJ	STCK7	-63.06	-66.94	-68.79	-68.55	-66.23	-61.89
YBADJ	STCK7	-56.76	-50.21	-42.13	-32.78	-22.42	-11.39
YBADJ	STCK7	-0.01	11.37	22.41	40.68	49.72	57.26
YBADJ	STCK7	63.06	66.94	68.79	68.55	66.23	61.89
YBADJ	STCK8	64.01	57.12	48.51	38.41	27.15	15.07
YBADJ	STCK8	2.53	-10.09	-22.41	-41.95	-52.24	-60.94
YBADJ	STCK8	-67.79	-72.58	-75.17	-75.47	-73.48	-69.25
YBADJ	STCK8	-64.01	-57.12	-48.51	-38.41	-27.15	-15.07
YBADJ	STCK8	-2.53	10.09	22.41	41.95	52.24	60.94
YBADJ	STCK8	67.79	72.58	75.17	75.47	73.48	69.25

URBANSRC ALL
 SRCGROUP ALL
 SO FINISHED

**

 ** AERMOD Receptor Pathway

 **
 **

RE STARTING
 INCLUDED 24_007_Op_Cumulative.rou
 RE FINISHED
 **

 ** AERMOD Meteorology Pathway

 **
 **

ME STARTING
 SURFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.SFC
 PROFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.PFL
 SURFDATA 3167 2012 Hawthorne_Municipal_Airport
 UAIRDATA 3190 2012
 PROFBASE 20.0 METERS
 ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST 24_007_OP_CUMULATIVE.AD\01H1GALL.PLT 31
PLOTFILE PERIOD ALL 24_007_OP_CUMULATIVE.AD\PE00GALL.PLT 32
SUMMFILE 24_007_Op_Cumulative.sum
OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)
A Total of 20 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****

SO W320	467	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	468	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	469	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	470	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	471	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	472	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	473	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	474	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	522	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	523	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	524	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	525	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	526	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	527	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	528	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	529	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	530	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	531	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	1188	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1188	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** SETUP Finishes Successfully ***

*** 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 129 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9700000.0 ; 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: 129 Source(s); 1 Source Group(s); and 701 Receptor(s)

with: 18 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 111 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) = 20.00 ; 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 = 3.8 MB of RAM.**

****Input Runstream File:** aermod.inp

****Output Print File:** aermod.out

****Detailed Error/Message File:** 24_007_Op_Cumulative.err

****File for Summary of Results:** 24_007_Op_Cumulative.sum

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

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

VARY BY

IDLE1	0	0.18500E-05	377155.3	3745872.8	22.3	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE2	0	0.18500E-05	377155.3	3745866.5	22.4	3.66	366.48	51.70	0.10	YES	YES	NO
DIEL3	0	0.18500E-05	377155.3	3745860.1	22.4	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE4	0	0.18500E-05	377155.2	3745854.0	22.4	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE5	0	0.18500E-05	377243.0	3745863.7	22.0	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE6	0	0.18500E-05	377243.0	3745876.4	22.0	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE7	0	0.18500E-05	377243.0	3745870.0	22.0	3.66	366.48	51.70	0.10	YES	YES	NO
IDLE8	0	0.18500E-05	377242.9	3745857.5	22.0	3.66	366.48	51.70	0.10	YES	YES	NO
CIDLE1	0	0.13014E-04	377407.3	3745876.8	21.2	3.66	366.48	51.70	0.10	YES	YES	NO
CIDLE2	0	0.13014E-04	377414.6	3745876.8	21.3	3.66	366.48	51.70	0.10	YES	YES	NO
STCK1	0	0.13014E-04	377431.8	3745876.7	21.4	3.66	366.48	51.70	0.10	YES	YES	NO
STCK2	0	0.13014E-04	377439.1	3745876.7	21.4	3.66	366.48	51.70	0.10	YES	YES	NO
STCK3	0	0.13014E-04	377455.1	3745876.8	21.4	3.66	366.48	51.70	0.10	YES	YES	NO
STCK4	0	0.13014E-04	377462.5	3745876.8	21.4	3.66	366.48	51.70	0.10	YES	YES	NO
STCK5	0	0.13014E-04	377479.0	3745876.6	21.5	3.66	366.48	51.70	0.10	YES	YES	NO
STCK6	0	0.13014E-04	377486.4	3745876.6	21.5	3.66	366.48	51.70	0.10	YES	YES	NO
STCK7	0	0.13014E-04	377509.1	3745876.4	21.4	3.66	366.48	51.70	0.10	YES	YES	NO
STCK8	0	0.13014E-04	377516.4	3745876.4	21.4	3.66	366.48	51.70	0.10	YES	YES	NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

INIT.	URBAN	EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM	Y-DIM	ORIENT.			
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT OF AREA	OF AREA	OF AREA	SZ		
SOURCE	SCALAR	VARY									
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)		
(METERS)	BY										
A0000153	0	0.55192E-10	377196.3	3745803.0	22.1	2.64	10.99	16.00	70.71	2.46	YES
NO											
A0000154	0	0.55192E-10	377199.5	3745795.3	22.2	2.64	85.70	16.00	90.26	2.46	YES
NO											
A0000155	0	0.55192E-10	377199.1	3745709.6	22.1	2.64	85.70	16.00	90.26	2.46	YES
NO											
A0000156	0	0.55192E-10	377206.8	3745631.9	22.4	2.64	144.44	16.00	-179.49	2.46	YES
NO											
A0000157	0	0.55192E-10	377070.3	3745625.2	22.4	2.64	116.13	16.00	-89.84	2.46	YES
NO											
A0000158	0	0.55192E-10	377070.6	3745741.3	22.2	2.64	116.13	16.00	-89.84	2.46	YES
NO											
A0000159	0	0.55192E-10	377071.0	3745857.4	22.0	2.64	116.13	16.00	-89.84	2.46	YES
NO											
A0000160	0	0.55192E-10	377061.3	3745965.8	21.6	2.64	17.41	16.00	14.32	2.46	YES
NO											
A0000161	0	0.55192E-10	377079.1	3745961.3	21.5	2.64	50.35	16.00	7.78	2.46	YES
NO											
A0000162	0	0.55192E-10	377130.0	3745954.4	21.7	2.64	125.80	16.00	0.16	2.46	YES
NO											
A0000163	0	0.55192E-10	377255.8	3745954.1	21.1	2.64	125.80	16.00	0.16	2.46	YES
NO											
A0000164	0	0.55192E-10	377381.6	3745953.7	20.7	2.64	139.50	16.00	0.51	2.46	YES
NO											
A0000165	0	0.55192E-10	377521.1	3745952.5	20.6	2.64	139.50	16.00	0.51	2.46	YES
NO											
A0000166	0	0.55192E-10	377660.6	3745951.2	20.4	2.64	139.50	16.00	0.51	2.46	YES
NO											
A0000167	0	0.55192E-10	377800.1	3745950.0	18.6	2.64	139.50	16.00	0.51	2.46	YES
NO											
A0000168	0	0.55192E-10	377939.6	3745948.7	16.2	2.64	139.50	16.00	0.51	2.46	YES
NO											
A0000169	0	0.55192E-10	378079.1	3745947.5	16.6	2.64	157.47	16.00	0.56	2.46	YES
NO											
A0000170	0	0.55192E-10	378236.5	3745945.9	15.5	2.64	157.47	16.00	0.56	2.46	YES
NO											
A0000171	0	0.55192E-10	378394.0	3745944.4	15.2	2.64	157.47	16.00	0.56	2.46	YES

NO												
A0000172	0	0.55192E-10	378551.4	3745942.8	15.7	2.64	157.47	16.00	0.56	2.46	YES	
NO												
A0000173	0	0.55192E-10	378708.9	3745941.3	17.6	2.64	157.47	16.00	0.56	2.46	YES	
NO												
A0000174	0	0.55192E-10	378862.9	3745940.6	16.4	2.64	1.84	16.00	26.56	2.46	YES	
NO												
A0000175	0	0.55192E-10	378876.1	3745946.9	16.2	2.64	154.28	16.00	-89.84	2.46	YES	
NO												
A0000176	0	0.55192E-10	378876.5	3746101.2	16.9	2.64	154.28	16.00	-89.84	2.46	YES	
NO												
A0000177	0	0.55192E-10	378876.9	3746255.5	17.6	2.64	154.28	16.00	-89.84	2.46	YES	
NO												
A0000178	0	0.55192E-10	378877.4	3746409.8	18.6	2.64	154.28	16.00	-89.84	2.46	YES	
NO												
A0000179	0	0.55192E-10	378877.8	3746564.1	18.6	2.64	148.91	16.00	-90.00	2.46	YES	
NO												
A0000180	0	0.55192E-10	378877.8	3746713.0	18.1	2.64	148.91	16.00	-90.00	2.46	YES	
NO												
A0000181	0	0.55192E-10	378877.8	3746861.8	17.8	2.64	132.93	16.00	-89.64	2.46	YES	
NO												
A0000182	0	0.55192E-10	378878.6	3746994.8	17.7	2.64	132.93	16.00	-89.64	2.46	YES	
NO												
A0000183	0	0.55192E-10	378879.5	3747127.5	17.6	2.64	24.41	16.00	-88.02	2.46	YES	
NO												
A0000184	0	0.55192E-10	378880.2	3747150.5	17.6	2.64	73.10	16.00	-78.04	2.46	YES	
NO												
A0000185	0	0.23282E-10	378887.1	3747230.7	17.5	2.64	67.00	9.50	-179.85	2.46	YES	
NO												
A0000186	0	0.23282E-10	378820.1	3747230.8	17.8	2.64	67.00	9.50	-179.85	2.46	YES	
NO												
A0000187	0	0.23282E-10	378753.1	3747231.0	18.1	2.64	67.00	9.50	-179.85	2.46	YES	
NO												
A0000188	0	0.23282E-10	378690.9	3747226.5	18.3	2.64	60.97	9.50	-90.49	2.46	YES	
NO												
A0000189	0	0.23282E-10	378690.3	3747287.2	19.1	2.64	41.90	9.50	-87.17	2.46	YES	
NO												
A0000190	0	0.23282E-10	378692.2	3747327.8	19.6	2.64	26.63	9.50	-71.92	2.46	YES	
NO												
A0000191	0	0.23282E-10	378699.4	3747351.3	21.1	2.64	24.12	9.50	-46.74	2.46	YES	
NO												
A0000192	0	0.23282E-10	378714.2	3747367.7	21.4	2.64	25.04	9.50	-21.80	2.46	YES	
NO												

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

NUMBER EMISSION RATE COORD (SW CORNER) BASE RELEASE X-DIM Y-DIM ORIENT.
INIT. URBAN EMISSION RATE AIRCRAFT

SOURCE SOURCE ID (METERS)	PART. (GRAMS/SEC SCALAR VARY CATS. /METER**2) BY	X	Y	ELEV. (METERS)	HEIGHT (METERS)	OF AREA (METERS)	OF AREA (METERS)	OF AREA (METERS)	SZ (DEG.)		

A0000193 NO	0	0.23282E-10	378736.1	3747376.7	21.2	2.64	17.64	9.50	-5.04	2.46	YES
A0000194 NO	0	0.23282E-10	378752.9	3747378.3	21.5	2.64	63.25	9.50	4.69	2.46	YES
A0000195 NO	0	0.23282E-10	378816.0	3747373.1	20.9	2.64	86.51	9.50	4.11	2.46	YES
A0000196 NO	0	0.23252E-10	378891.1	3747225.5	17.5	2.64	34.15	9.50	-72.39	2.46	YES
A0000197 NO	0	0.23252E-10	378901.6	3747258.8	17.4	2.64	19.88	9.50	-81.03	2.46	YES
A0000198 NO	0	0.23252E-10	378904.8	3747279.2	17.3	2.64	87.33	9.50	-90.68	2.46	YES
A0000199 NO	0	0.23252E-10	378903.7	3747366.4	17.3	2.64	67.17	9.50	-89.56	2.46	YES
A0000200 NO	0	0.23252E-10	378904.3	3747433.6	17.2	2.64	67.17	9.50	-89.56	2.46	YES
A0000201 NO	0	0.23252E-10	378899.9	3747496.1	17.2	2.64	57.36	9.50	1.03	2.46	YES
A0000202 NO	0	0.23252E-10	378956.8	3747495.0	17.7	2.64	36.40	9.50	6.52	2.46	YES
A0000203 NO	0	0.23252E-10	378991.4	3747491.4	18.0	2.64	18.02	9.50	27.30	2.46	YES
A0000204 NO	0	0.23252E-10	379005.8	3747484.4	18.8	2.64	15.09	9.50	51.95	2.46	YES
A0000205 NO	0	0.23252E-10	379014.6	3747473.3	19.4	2.64	12.25	9.50	62.35	2.46	YES
A0000206 NO	0	0.23252E-10	379019.8	3747464.4	19.3	2.64	11.38	9.50	87.40	2.46	YES
A0000207 NO	0	0.23252E-10	379020.3	3747453.3	19.1	2.64	9.82	9.50	90.00	2.46	YES
A0000208 NO	0	0.23252E-10	379020.8	3747445.6	19.5	2.64	17.33	9.50	116.56	2.46	YES
A0000209 NO	0	0.23252E-10	379014.1	3747431.5	20.8	2.64	16.09	9.50	137.60	2.46	YES
A0000210 NO	0	0.23252E-10	379004.0	3747421.6	21.5	2.64	25.00	9.50	161.94	2.46	YES
A0000211 NO	0	0.23252E-10	378980.8	3747414.0	20.9	2.64	27.87	9.50	169.31	2.46	YES
A0000212 NO	0	0.23252E-10	378954.5	3747408.9	20.7	2.64	37.75	9.50	-177.65	2.46	YES
A0000213 NO	0	0.23252E-10	378916.8	3747410.5	17.8	2.64	10.35	9.50	-177.14	2.46	YES
A0000224 NO	0	0.11779E-11	377212.0	3745807.1	22.1	2.64	18.39	9.00	-89.81	2.46	YES
A0000225 NO	0	0.51690E-12	377207.1	3745831.8	22.1	2.64	16.31	11.00	-164.48	2.46	YES
A0000226 NO	0	0.51690E-12	377193.6	3745835.0	22.2	2.64	7.42	11.00	-138.18	2.46	YES

A0000227	0	0.51690E-12	377189.7	3745837.5	22.3	2.64	8.56	11.00	-107.82	2.46	YES
NO											
A0000228	0	0.51690E-12	377187.3	3745844.0	22.3	2.64	29.10	11.00	-90.57	2.46	YES
NO											
A0000229	0	0.51690E-12	377181.5	3745878.5	22.1	2.64	26.03	11.00	179.54	2.46	YES
NO											
A0000217	0	0.43457E-12	377213.1	3745821.0	22.1	0.00	11.04	11.00	-42.95	2.46	YES
NO											
A0000218	0	0.43457E-12	377222.3	3745829.9	22.1	0.00	6.61	11.00	-62.35	2.46	YES
NO											
A0000219	0	0.43457E-12	377225.9	3745837.8	22.1	0.00	11.20	11.00	-84.29	2.46	YES
NO											
A0000220	0	0.43457E-12	377227.1	3745849.6	22.0	0.00	23.64	11.00	-90.51	2.46	YES
NO											
A0000221	0	0.43457E-12	377221.4	3745867.6	21.9	0.00	22.81	11.00	0.17	2.46	YES
NO											
A0000230	0	0.29376E-08	377556.4	3745807.2	21.4	3.26	83.81	11.00	-89.74	3.04	YES
NO											
A0000231	0	0.29376E-08	377551.3	3745896.5	21.0	3.26	69.21	11.00	180.00	3.04	YES
NO											
A0000232	0	0.29376E-08	377482.1	3745896.5	21.4	3.26	69.21	11.00	180.00	3.04	YES
NO											
A0000233	0	0.29376E-08	377418.4	3745890.9	21.3	3.26	12.14	11.00	-88.21	3.04	YES
NO											
A0000234	0	0.29376E-08	377413.3	3745908.7	21.0	3.26	69.77	11.00	180.00	3.04	YES
NO											
A0000235	0	0.29376E-08	377338.0	3745903.2	21.3	3.26	98.60	11.00	90.22	3.04	YES
NO											
A0000240	0	0.18605E-09	377543.3	3745804.7	21.4	3.26	92.57	13.50	90.28	3.04	YES
NO											
A0000241	0	0.18605E-09	377542.8	3745712.2	21.8	3.26	92.57	13.50	90.28	3.04	YES
NO											

*** AERMOD - VERSION 23132 ***

*** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc ***

09/20/24

*** AERMET - VERSION 16216 ***

16:27:29

PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

NUMBER EMISSION RATE		COORD (SW CORNER)		BASE	RELEASE	X-DIM	Y-DIM	ORIENT.
INIT.	URBAN	EMISSION RATE	AIRCRAFT					
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT OF AREA	OF AREA	OF AREA
SOURCE	SCALAR	VARY						SZ
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)
(METERS)	BY							

A0000242	0	0.18605E-09	377549.2	3745626.3	21.5	3.26	113.47	13.50	-179.77	3.04	YES
NO											
A0000243	0	0.18605E-09	377435.7	3745626.7	21.8	3.26	113.47	13.50	-179.77	3.04	YES
NO											
A0000244	0	0.18605E-09	377322.2	3745627.2	21.9	3.26	113.47	13.50	-179.77	3.04	YES

NO												
A0000236	0	0.18611E-09	377335.8	3745803.8	21.8	3.26	7.58	13.50	90.00	3.04	YES	
NO												
A0000237	0	0.18611E-09	377342.5	3745803.0	21.7	3.26	134.29	13.50	179.62	3.04	YES	
NO												
A0000238	0	0.18611E-09	377201.6	3745795.4	22.2	3.26	87.67	13.50	90.58	3.04	YES	
NO												
A0000239	0	0.18611E-09	377200.7	3745707.7	22.1	3.26	87.67	13.50	90.58	3.04	YES	
NO												
A0000245	0	0.53696E-09	377205.7	3745630.1	22.4	3.26	143.78	16.00	-179.49	3.04	YES	
NO												
A0000246	0	0.53696E-09	377069.9	3745623.4	22.4	3.26	120.31	16.00	-90.39	3.04	YES	
NO												
A0000247	0	0.53696E-09	377069.1	3745743.7	22.2	3.26	120.31	16.00	-90.39	3.04	YES	
NO												
A0000248	0	0.53696E-09	377068.2	3745864.1	21.9	3.26	120.31	16.00	-90.39	3.04	YES	
NO												
A0000249	0	0.53696E-09	377067.4	3745984.2	21.6	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000250	0	0.53696E-09	377068.8	3746131.8	21.3	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000251	0	0.53696E-09	377070.2	3746279.3	20.8	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000252	0	0.53696E-09	377071.6	3746426.9	20.3	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000253	0	0.53696E-09	377073.0	3746574.4	20.1	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000254	0	0.53696E-09	377074.4	3746722.0	18.4	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000255	0	0.53696E-09	377075.8	3746869.6	18.1	3.26	147.56	16.00	-89.45	3.04	YES	
NO												
A0000256	0	0.53696E-09	377077.2	3747016.3	18.4	3.26	55.40	16.00	-83.88	3.04	YES	
NO												
A0000257	0	0.53696E-09	377083.0	3747070.7	18.8	3.26	57.79	16.00	-78.78	3.04	YES	
NO												
A0000258	0	0.53696E-09	377093.3	3747124.9	18.9	3.26	129.93	16.00	-59.86	3.04	YES	
NO												
A0000259	0	0.53696E-09	377151.6	3747233.3	18.2	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000260	0	0.53696E-09	377304.7	3747231.8	18.0	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000261	0	0.53696E-09	377457.9	3747230.2	19.7	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000262	0	0.53696E-09	377611.1	3747228.7	19.2	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000263	0	0.53696E-09	377764.3	3747227.2	18.2	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000264	0	0.53696E-09	377917.4	3747225.6	18.9	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000265	0	0.53696E-09	378070.6	3747224.1	19.6	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000266	0	0.53696E-09	378223.8	3747222.6	19.9	3.26	153.18	16.00	0.58	3.04	YES	
NO												
A0000267	0	0.53696E-09	378377.0	3747221.0	19.6	3.26	153.18	16.00	0.58	3.04	YES	

NO
A0000268 0 0.53696E-09 378530.1 3747219.5 18.9 3.26 153.18 16.00 0.58 3.04 YES
NO
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** ** 16:27:29

PAGE 6

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
ALL	A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 , A0000159 , A0000160 ,
	A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167 , A0000168 ,
	A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175 , A0000176 ,
	A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183 , A0000184 ,
	A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191 , A0000192 ,
	A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199 , A0000200 ,
	A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207 , A0000208 ,
	A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000224 , A0000225 , A0000226 ,
	A0000227 , A0000228 , A0000229 , A0000217 , A0000218 , A0000219 , A0000220 , A0000221 ,
	IDLE1 , IDLE2 , DIEL3 , IDLE4 , IDLE5 , IDLE6 , IDLE7 , IDLE8 ,
	A0000230 , A0000231 , A0000232 , A0000233 , A0000234 , A0000235 , A0000240 , A0000241 ,
	A0000242 , A0000243 , A0000244 , A0000236 , A0000237 , A0000238 , A0000239 , A0000245 ,
	A0000246 , A0000247 , A0000248 , A0000249 , A0000250 , A0000251 , A0000252 , A0000253 ,

A0000254 , A0000255 , A0000256 , A0000257 , A0000258 , A0000259 , A0000260 , A0000261 ,
A0000262 , A0000263 , A0000264 , A0000265 , A0000266 , A0000267 , A0000268 , CIDLE1 ,
CIDLE2 , STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 ,
STCK8 ,
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** ** *** 16:27:29
PAGE 7
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID URBAN POP SOURCE IDs

9700000. A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 , A0000159 ,
A0000160 ,
A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167 , A0000168 ,
A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175 , A0000176 ,
A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183 , A0000184 ,
A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191 , A0000192 ,
A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199 , A0000200 ,
A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207 , A0000208 ,
A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000224 , A0000225 , A0000226 ,
A0000227 , A0000228 , A0000229 , A0000217 , A0000218 , A0000219 , A0000220 , A0000221 ,
IDLE1 , IDLE2 , DIEL3 , IDLE4 , IDLE5 , IDLE6 , IDLE7 , IDLE8 ,
A0000230 , A0000231 , A0000232 , A0000233 , A0000234 , A0000235 , A0000240 , A0000241 ,
A0000242 , A0000243 , A0000244 , A0000236 , A0000237 , A0000238 , A0000239 , A0000245

A0000246 , A0000247 , A0000248 , A0000249 , A0000250 , A0000251 , A0000252 , A0000253

A0000254 , A0000255 , A0000256 , A0000257 , A0000258 , A0000259 , A0000260 , A0000261

A0000262 , A0000263 , A0000264 , A0000265 , A0000266 , A0000267 , A0000268 , CIDLE1 ,

CIDLE2 , STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 , STCK7 ,

STCK8 ,

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 8

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: IDLE1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-83.8,	16.2,	2	12.8,	101.8,	118.0,	-90.2,	11.0,
3	12.8,	112.5,	122.0,	-93.9,	5.6,	4	12.8,	119.9,	122.3,	-94.7,	-0.1,
5	12.8,	123.5,	118.9,	-92.7,	-5.7,	6	12.8,	123.4,	111.8,	-87.8,	-11.2,
7	12.8,	119.6,	101.4,	-80.2,	-16.3,	8	12.8,	112.1,	87.9,	-70.2,	-20.9,
9	12.8,	101.3,	73.4,	-58.1,	-24.9,	10	12.8,	110.4,	88.0,	-60.2,	-28.6,
11	12.8,	118.0,	101.8,	-61.9,	-31.2,	12	12.8,	122.0,	112.5,	-61.8,	-32.9,
13	12.8,	122.3,	119.9,	-59.8,	-33.6,	14	12.8,	118.9,	123.5,	-56.0,	-33.2,
15	12.8,	111.8,	123.4,	-50.5,	-31.9,	16	12.8,	101.4,	119.6,	-43.5,	-29.5,
17	12.8,	87.9,	112.1,	-35.1,	-26.3,	18	12.8,	73.4,	101.3,	-25.7,	-21.4,
19	12.8,	88.0,	110.4,	-26.6,	-16.2,	20	12.8,	101.8,	118.0,	-27.8,	-11.0,
21	12.8,	112.5,	122.0,	-28.1,	-5.6,	22	12.8,	119.9,	122.3,	-27.6,	0.1,
23	12.8,	123.5,	118.9,	-26.2,	5.7,	24	12.8,	123.4,	111.8,	-24.1,	11.2,
25	12.8,	119.6,	101.4,	-21.2,	16.3,	26	12.8,	112.1,	87.9,	-17.6,	20.9,
27	12.8,	101.3,	73.4,	-15.3,	24.9,	28	12.8,	110.4,	88.0,	-27.8,	28.6,
29	12.8,	118.0,	101.8,	-39.9,	31.2,	30	12.8,	122.0,	112.5,	-50.7,	32.9,
31	12.8,	122.3,	119.9,	-60.0,	33.6,	32	12.8,	118.9,	123.5,	-67.5,	33.2,
33	12.8,	111.8,	123.4,	-72.9,	31.9,	34	12.8,	101.4,	119.6,	-76.1,	29.5,
35	12.8,	87.9,	112.1,	-77.0,	26.3,	36	12.8,	73.4,	101.3,	-75.6,	21.4,

SOURCE ID: IDLE2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-77.6,	17.3,	2	12.8,	101.8,	118.0,	-84.3,	13.2,
3	12.8,	112.5,	122.0,	-88.4,	8.7,	4	12.8,	119.9,	122.3,	-89.9,	4.0,
5	12.8,	123.5,	118.9,	-88.6,	-0.9,	6	12.8,	123.4,	111.8,	-84.6,	-5.7,
7	12.8,	119.6,	101.4,	-78.1,	-10.4,	8	12.8,	112.1,	87.9,	-69.1,	-14.7,
9	12.8,	101.3,	73.4,	-58.1,	-18.6,	10	12.8,	110.4,	88.0,	-61.3,	-22.4,
11	12.8,	118.0,	101.8,	-64.1,	-25.3,	12	12.8,	122.0,	112.5,	-65.0,	-27.4,
13	12.8,	122.3,	119.9,	-63.9,	-28.7,	14	12.8,	118.9,	123.5,	-60.9,	-29.2,
15	12.8,	111.8,	123.4,	-56.0,	-28.7,	16	12.8,	101.4,	119.6,	-49.4,	-27.4,

17	12.8,	87.9,	112.1,	-41.4,	-25.2,	18	12.8,	73.4,	101.3,	-32.0,	-21.4,
19	12.8,	88.0,	110.4,	-32.8,	-17.3,	20	12.8,	101.8,	118.0,	-33.7,	-13.2,
21	12.8,	112.5,	122.0,	-33.6,	-8.7,	22	12.8,	119.9,	122.3,	-32.4,	-4.0,
23	12.8,	123.5,	118.9,	-30.3,	0.9,	24	12.8,	123.4,	111.8,	-27.2,	5.7,
25	12.8,	119.6,	101.4,	-23.3,	10.4,	26	12.8,	112.1,	87.9,	-18.7,	14.7,
27	12.8,	101.3,	73.4,	-15.3,	18.6,	28	12.8,	110.4,	88.0,	-26.7,	22.4,
29	12.8,	118.0,	101.8,	-37.7,	25.3,	30	12.8,	122.0,	112.5,	-47.5,	27.4,
31	12.8,	122.3,	119.9,	-55.9,	28.7,	32	12.8,	118.9,	123.5,	-62.6,	29.2,
33	12.8,	111.8,	123.4,	-67.4,	28.7,	34	12.8,	101.4,	119.6,	-70.2,	27.4,
35	12.8,	87.9,	112.1,	-70.8,	25.2,	36	12.8,	73.4,	101.3,	-69.2,	21.4,

SOURCE ID: DIEL3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-71.4,	18.4,	2	12.8,	101.8,	118.0,	-78.3,	15.4,
3	12.8,	112.5,	122.0,	-83.0,	11.9,	4	12.8,	119.9,	122.3,	-85.0,	8.1,
5	12.8,	123.5,	118.9,	-84.5,	4.0,	6	12.8,	123.4,	111.8,	-81.5,	-0.2,
7	12.8,	119.6,	101.4,	-75.9,	-4.4,	8	12.8,	112.1,	87.9,	-68.0,	-8.5,
9	12.8,	101.3,	73.4,	-58.1,	-12.3,	10	12.8,	110.4,	88.0,	-62.4,	-16.2,
11	12.8,	118.0,	101.8,	-66.3,	-19.4,	12	12.8,	122.0,	112.5,	-68.2,	-21.9,
13	12.8,	122.3,	119.9,	-68.0,	-23.9,	14	12.8,	118.9,	123.5,	-65.7,	-25.1,
15	12.8,	111.8,	123.4,	-61.5,	-25.5,	16	12.8,	101.4,	119.6,	-55.4,	-25.2,
17	12.8,	87.9,	112.1,	-47.6,	-24.1,	18	12.8,	73.4,	101.3,	-38.3,	-21.4,
19	12.8,	88.0,	110.4,	-39.0,	-18.4,	20	12.8,	101.8,	118.0,	-39.6,	-15.4,
21	12.8,	112.5,	122.0,	-39.0,	-11.9,	22	12.8,	119.9,	122.3,	-37.3,	-8.1,
23	12.8,	123.5,	118.9,	-34.3,	-4.0,	24	12.8,	123.4,	111.8,	-30.4,	0.2,
25	12.8,	119.6,	101.4,	-25.5,	4.4,	26	12.8,	112.1,	87.9,	-19.8,	8.5,
27	12.8,	101.3,	73.4,	-15.3,	12.3,	28	12.8,	110.4,	88.0,	-25.6,	16.2,
29	12.8,	118.0,	101.8,	-35.6,	19.4,	30	12.8,	122.0,	112.5,	-44.4,	21.9,
31	12.8,	122.3,	119.9,	-51.9,	23.9,	32	12.8,	118.9,	123.5,	-57.8,	25.1,
33	12.8,	111.8,	123.4,	-61.9,	25.5,	34	12.8,	101.4,	119.6,	-64.2,	25.2,
35	12.8,	87.9,	112.1,	-64.5,	24.1,	36	12.8,	73.4,	101.3,	-62.9,	21.4,

SOURCE ID: IDLE4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	88.0,	110.4,	-65.3,	19.3,	2	12.8,	101.8,	118.0,	-72.5,	17.4,
3	12.8,	112.5,	122.0,	-77.6,	14.9,	4	12.8,	119.9,	122.3,	-80.2,	12.0,
5	12.8,	123.5,	118.9,	-80.5,	8.6,	6	12.8,	123.4,	111.8,	-78.3,	5.1,
7	12.8,	119.6,	101.4,	-73.7,	1.4,	8	12.8,	112.1,	87.9,	-66.9,	-2.4,
9	12.8,	101.3,	73.4,	-58.0,	-6.1,	10	12.8,	110.4,	88.0,	-63.3,	-10.1,
11	12.8,	118.0,	101.8,	-68.3,	-13.5,	12	12.8,	122.0,	112.5,	-71.2,	-16.6,
13	12.8,	122.3,	119.9,	-71.9,	-19.1,	14	12.8,	118.9,	123.5,	-70.4,	-21.1,
15	12.8,	111.8,	123.4,	-66.8,	-22.4,	16	12.8,	101.4,	119.6,	-61.1,	-23.0,
17	12.8,	87.9,	112.1,	-53.6,	-22.9,	18	12.8,	73.4,	101.3,	-44.5,	-21.3,
19	12.8,	88.0,	110.4,	-45.1,	-19.3,	20	12.8,	101.8,	118.0,	-45.5,	-17.4,
21	12.8,	112.5,	122.0,	-44.4,	-14.9,	22	12.8,	119.9,	122.3,	-42.0,	-11.9,
23	12.8,	123.5,	118.9,	-38.4,	-8.6,	24	12.8,	123.4,	111.8,	-33.5,	-5.1,
25	12.8,	119.6,	101.4,	-27.7,	-1.4,	26	12.8,	112.1,	87.9,	-21.0,	2.4,
27	12.8,	101.3,	73.4,	-15.4,	6.1,	28	12.8,	110.4,	88.0,	-24.7,	10.1,
29	12.8,	118.0,	101.8,	-33.5,	13.5,	30	12.8,	122.0,	112.5,	-41.4,	16.6,
31	12.8,	122.3,	119.9,	-48.0,	19.1,	32	12.8,	118.9,	123.5,	-53.1,	21.1,
33	12.8,	111.8,	123.4,	-56.6,	22.4,	34	12.8,	101.4,	119.6,	-58.5,	23.0,
35	12.8,	87.9,	112.1,	-58.5,	22.9,	36	12.8,	73.4,	101.3,	-56.7,	21.3,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: IDLE5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-46.4,	-29.5,	2	12.8,	105.8,	102.7,	-46.2,	-29.2,
3	12.8,	112.1,	109.9,	-44.6,	-27.9,	4	12.8,	115.0,	113.7,	-41.7,	-25.9,
5	12.8,	114.5,	114.1,	-37.5,	-23.0,	6	12.8,	110.4,	111.0,	-32.1,	-19.4,
7	12.8,	103.0,	104.6,	-25.8,	-15.2,	8	12.8,	92.5,	95.0,	-18.7,	-10.6,
9	12.8,	79.3,	84.4,	-12.9,	-5.6,	10	12.8,	92.4,	96.2,	-18.6,	-0.2,
11	12.8,	102.7,	105.8,	-23.7,	5.1,	12	12.8,	109.9,	112.1,	-28.1,	10.3,
13	12.8,	113.7,	115.0,	-31.7,	15.2,	14	12.8,	114.1,	114.5,	-34.2,	19.6,
15	12.8,	111.0,	110.4,	-35.8,	23.4,	16	12.8,	104.6,	103.0,	-36.3,	26.5,
17	12.8,	95.0,	92.5,	-35.6,	28.8,	18	12.8,	84.4,	79.3,	-34.0,	29.3,
19	12.8,	96.2,	92.4,	-45.9,	29.5,	20	12.8,	105.8,	102.7,	-56.4,	29.2,
21	12.8,	112.1,	109.9,	-65.2,	27.9,	22	12.8,	115.0,	113.7,	-72.0,	25.9,
23	12.8,	114.5,	114.1,	-76.6,	23.0,	24	12.8,	110.4,	111.0,	-78.9,	19.4,
25	12.8,	103.0,	104.6,	-78.8,	15.2,	26	12.8,	92.5,	95.0,	-76.3,	10.6,
27	12.8,	79.3,	84.4,	-71.5,	5.6,	28	12.8,	92.4,	96.2,	-77.6,	0.2,
29	12.8,	102.7,	105.8,	-82.0,	-5.1,	30	12.8,	109.9,	112.1,	-84.0,	-10.3,
31	12.8,	113.7,	115.0,	-83.4,	-15.2,	32	12.8,	114.1,	114.5,	-80.2,	-19.6,
33	12.8,	111.0,	110.4,	-74.6,	-23.4,	34	12.8,	104.6,	103.0,	-66.8,	-26.5,
35	12.8,	95.0,	92.5,	-56.9,	-28.8,	36	12.8,	84.4,	79.3,	-45.3,	-29.3,

SOURCE ID: IDLE6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-58.9,	-31.7,	2	12.8,	105.8,	102.7,	-58.1,	-33.5,
3	12.8,	112.1,	109.9,	-55.6,	-34.3,	4	12.8,	115.0,	113.7,	-51.4,	-34.0,
5	12.8,	114.5,	114.1,	-45.6,	-32.7,	6	12.8,	110.4,	111.0,	-38.4,	-30.4,
7	12.8,	103.0,	104.6,	-30.1,	-27.1,	8	12.8,	92.5,	95.0,	-20.8,	-23.1,
9	12.8,	79.3,	84.4,	-12.9,	-18.3,	10	12.8,	92.4,	96.2,	-16.4,	-12.7,
11	12.8,	102.7,	105.8,	-19.4,	-6.8,	12	12.8,	109.9,	112.1,	-21.8,	-0.7,
13	12.8,	113.7,	115.0,	-23.5,	5.5,	14	12.8,	114.1,	114.5,	-24.6,	11.5,
15	12.8,	111.0,	110.4,	-24.8,	17.1,	16	12.8,	104.6,	103.0,	-24.4,	22.2,
17	12.8,	95.0,	92.5,	-23.2,	26.6,	18	12.8,	84.4,	79.3,	-21.4,	29.3,
19	12.8,	96.2,	92.4,	-33.5,	31.7,	20	12.8,	105.8,	102.7,	-44.5,	33.5,
21	12.8,	112.1,	109.9,	-54.3,	34.3,	22	12.8,	115.0,	113.7,	-62.3,	34.0,
23	12.8,	114.5,	114.1,	-68.5,	32.7,	24	12.8,	110.4,	111.0,	-72.6,	30.4,
25	12.8,	103.0,	104.6,	-74.5,	27.1,	26	12.8,	92.5,	95.0,	-74.1,	23.1,
27	12.8,	79.3,	84.4,	-71.5,	18.3,	28	12.8,	92.4,	96.2,	-79.8,	12.7,
29	12.8,	102.7,	105.8,	-86.4,	6.8,	30	12.8,	109.9,	112.1,	-90.3,	0.7,
31	12.8,	113.7,	115.0,	-91.5,	-5.5,	32	12.8,	114.1,	114.5,	-89.9,	-11.5,
33	12.8,	111.0,	110.4,	-85.6,	-17.1,	34	12.8,	104.6,	103.0,	-78.6,	-22.2,
35	12.8,	95.0,	92.5,	-69.3,	-26.6,	36	12.8,	84.4,	79.3,	-57.9,	-29.3,

SOURCE ID: IDLE7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-52.7,	-30.6,	2	12.8,	105.8,	102.7,	-52.2,	-31.3,
3	12.8,	112.1,	109.9,	-50.1,	-31.1,	4	12.8,	115.0,	113.7,	-46.5,	-29.9,
5	12.8,	114.5,	114.1,	-41.5,	-27.8,	6	12.8,	110.4,	111.0,	-35.3,	-24.9,
7	12.8,	103.0,	104.6,	-27.9,	-21.2,	8	12.8,	92.5,	95.0,	-19.7,	-16.9,
9	12.8,	79.3,	84.4,	-12.9,	-11.9,	10	12.8,	92.4,	96.2,	-17.5,	-6.5,
11	12.8,	102.7,	105.8,	-21.5,	-0.8,	12	12.8,	109.9,	112.1,	-24.9,	4.8,
13	12.8,	113.7,	115.0,	-27.6,	10.3,	14	12.8,	114.1,	114.5,	-29.4,	15.5,
15	12.8,	111.0,	110.4,	-30.3,	20.2,	16	12.8,	104.6,	103.0,	-30.3,	24.4,
17	12.8,	95.0,	92.5,	-29.4,	27.7,	18	12.8,	84.4,	79.3,	-27.7,	29.3,
19	12.8,	96.2,	92.4,	-39.7,	30.6,	20	12.8,	105.8,	102.7,	-50.5,	31.3,
21	12.8,	112.1,	109.9,	-59.8,	31.1,	22	12.8,	115.0,	113.7,	-67.2,	29.9,
23	12.8,	114.5,	114.1,	-72.6,	27.8,	24	12.8,	110.4,	111.0,	-75.8,	24.9,
25	12.8,	103.0,	104.6,	-76.6,	21.2,	26	12.8,	92.5,	95.0,	-75.2,	16.9,
27	12.8,	79.3,	84.4,	-71.5,	11.9,	28	12.8,	92.4,	96.2,	-78.7,	6.5,
29	12.8,	102.7,	105.8,	-84.2,	0.8,	30	12.8,	109.9,	112.1,	-87.1,	-4.8,
31	12.8,	113.7,	115.0,	-87.4,	-10.3,	32	12.8,	114.1,	114.5,	-85.0,	-15.5,
33	12.8,	111.0,	110.4,	-80.1,	-20.2,	34	12.8,	104.6,	103.0,	-72.7,	-24.4,
35	12.8,	95.0,	92.5,	-63.1,	-27.7,	36	12.8,	84.4,	79.3,	-51.6,	-29.3,

SOURCE ID: IDLE8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.8,	96.2,	92.4,	-40.4,	-28.5,	2	12.8,	105.8,	102.7,	-40.4,	-27.1,
3	12.8,	112.1,	109.9,	-39.3,	-24.9,	4	12.8,	115.0,	113.7,	-36.9,	-21.9,
5	12.8,	114.5,	114.1,	-33.4,	-18.3,	6	12.8,	110.4,	111.0,	-28.9,	-14.1,
7	12.8,	103.0,	104.6,	-23.6,	-9.5,	8	12.8,	92.5,	95.0,	-17.5,	-4.6,
9	12.8,	79.3,	84.4,	-12.8,	0.6,	10	12.8,	92.4,	96.2,	-19.6,	5.8,
11	12.8,	102.7,	105.8,	-25.7,	10.9,	12	12.8,	109.9,	112.1,	-31.1,	15.7,
13	12.8,	113.7,	115.0,	-35.6,	19.9,	14	12.8,	114.1,	114.5,	-38.9,	23.6,
15	12.8,	111.0,	110.4,	-41.1,	26.6,	16	12.8,	104.6,	103.0,	-42.0,	28.7,
17	12.8,	95.0,	92.5,	-41.7,	30.0,	18	12.8,	84.4,	79.3,	-40.2,	29.4,
19	12.8,	96.2,	92.4,	-52.0,	28.5,	20	12.8,	105.8,	102.7,	-62.2,	27.1,
21	12.8,	112.1,	109.9,	-70.6,	24.9,	22	12.8,	115.0,	113.7,	-76.8,	21.9,
23	12.8,	114.5,	114.1,	-80.7,	18.3,	24	12.8,	110.4,	111.0,	-82.1,	14.1,
25	12.8,	103.0,	104.6,	-81.0,	9.5,	26	12.8,	92.5,	95.0,	-77.5,	4.6,
27	12.8,	79.3,	84.4,	-71.6,	-0.6,	28	12.8,	92.4,	96.2,	-76.6,	-5.8,
29	12.8,	102.7,	105.8,	-80.0,	-10.9,	30	12.8,	109.9,	112.1,	-81.0,	-15.7,
31	12.8,	113.7,	115.0,	-79.5,	-19.9,	32	12.8,	114.1,	114.5,	-75.5,	-23.6,
33	12.8,	111.0,	110.4,	-69.3,	-26.6,	34	12.8,	104.6,	103.0,	-61.0,	-28.7,
35	12.8,	95.0,	92.5,	-50.8,	-30.0,	36	12.8,	84.4,	79.3,	-39.1,	-29.4,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

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

*** 16:27:29

PAGE 10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CIDLE1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ

1	13.7, 196.1, 89.1, -68.0, -43.6,	2	13.7, 200.5, 117.8, -74.3, -45.6,
3	13.7, 198.8, 143.1, -78.3, -46.3,	4	13.7, 191.0, 163.9, -80.0, -45.5,
5	13.7, 177.5, 179.8, -79.2, -43.4,	6	13.7, 158.6, 190.2, -76.0, -39.9,
7	13.7, 134.8, 194.9, -70.5, -35.3,	8	13.7, 107.0, 193.6, -62.8, -29.5,
9	13.7, 75.9, 186.4, -53.3, -22.9,	10	13.7, 89.1, 196.1, -54.4, -23.5,
11	13.7, 117.8, 200.5, -54.6, -15.4,	12	13.7, 143.1, 198.8, -53.1, -6.8,
13	13.7, 163.9, 191.0, -50.0, 2.0,	14	13.7, 179.8, 177.5, -45.4, 10.7,
15	13.7, 190.2, 158.6, -39.3, 19.1,	16	13.7, 194.9, 134.8, -32.1, 26.9,
17	13.7, 193.6, 107.0, -24.0, 33.9,	18	13.7, 186.4, 75.9, -15.1, 39.9,
19	13.7, 196.1, 89.1, -21.1, 43.6,	20	13.7, 200.5, 117.8, -43.6, 45.6,
21	13.7, 198.8, 143.1, -64.8, 46.3,	22	13.7, 191.0, 163.9, -84.0, 45.5,
23	13.7, 177.5, 179.8, -100.6, 43.4,	24	13.7, 158.6, 190.2, -114.2, 39.9,
25	13.7, 134.8, 194.9, -124.4, 35.3,	26	13.7, 107.0, 193.6, -130.8, 29.5,
27	13.7, 75.9, 186.4, -133.1, 22.9,	28	13.7, 89.1, 196.1, -141.6, 23.5,
29	13.7, 117.9, 200.5, -145.9, 15.4,	30	13.7, 143.1, 198.8, -145.7, 6.8,
31	13.7, 163.9, 191.0, -141.1, -2.0,	32	13.7, 179.8, 177.5, -132.2, -10.7,
33	13.7, 190.2, 158.6, -119.2, -19.1,	34	13.7, 194.9, 134.8, -102.7, -26.9,
35	13.7, 193.6, 107.0, -83.0, -33.9,	36	13.7, 186.4, 75.9, -60.8, -39.9,

SOURCE ID: CIDLE2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 196.1, 89.1, -69.3, -36.3,	2	13.7, 200.5, 117.8, -76.8, -38.7,								
3	13.7, 198.8, 143.1, -82.0, -39.9,	4	13.7, 191.0, 163.9, -84.7, -39.9,								
5	13.7, 177.5, 179.8, -84.8, -38.7,	6	13.7, 158.6, 190.2, -82.4, -36.3,								
7	13.7, 134.8, 194.9, -77.4, -32.8,	8	13.7, 107.0, 193.6, -70.1, -28.2,								
9	13.7, 75.9, 186.4, -60.7, -22.9,	10	13.7, 89.1, 196.1, -61.7, -24.8,								
11	13.7, 117.8, 200.5, -61.5, -17.9,	12	13.7, 143.1, 198.8, -59.5, -10.5,								
13	13.7, 163.9, 191.0, -55.6, -2.7,	14	13.7, 179.8, 177.5, -50.1, 5.1,								
15	13.7, 190.2, 158.6, -43.0, 12.8,	16	13.7, 194.9, 134.8, -34.7, 20.0,								
17	13.7, 193.6, 107.0, -25.2, 26.7,	18	13.7, 186.4, 75.9, -15.1, 32.6,								
19	13.7, 196.1, 89.1, -19.8, 36.3,	20	13.7, 200.5, 117.8, -41.0, 38.7,								
21	13.7, 198.8, 143.1, -61.1, 39.9,	22	13.7, 191.0, 163.9, -79.2, 39.9,								
23	13.7, 177.5, 179.8, -95.0, 38.7,	24	13.7, 158.6, 190.2, -107.9, 36.3,								
25	13.7, 134.8, 194.9, -117.5, 32.8,	26	13.7, 107.0, 193.6, -123.5, 28.2,								
27	13.7, 75.9, 186.4, -125.8, 22.9,	28	13.7, 89.1, 196.1, -134.4, 24.8,								
29	13.7, 117.9, 200.5, -139.0, 17.9,	30	13.7, 143.1, 198.8, -139.3, 10.5,								
31	13.7, 163.9, 191.0, -135.4, 2.7,	32	13.7, 179.8, 177.5, -127.4, -5.1,								
33	13.7, 190.2, 158.6, -115.5, -12.8,	34	13.7, 194.9, 134.8, -100.2, -20.0,								
35	13.7, 193.6, 107.0, -81.8, -26.7,	36	13.7, 186.4, 75.9, -60.8, -32.6,								

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 196.1, 89.1, -72.1, -19.5,	2	13.7, 200.5, 117.8, -82.5, -22.6,								
3	13.7, 198.8, 143.1, -90.4, -25.0,	4	13.7, 191.0, 163.9, -95.6, -26.7,								
5	13.7, 177.5, 179.8, -97.8, -27.6,	6	13.7, 158.6, 190.2, -97.1, -27.6,								
7	13.7, 134.8, 194.9, -93.5, -26.8,	8	13.7, 107.0, 193.6, -86.9, -25.2,								
9	13.7, 75.9, 186.4, -77.8, -22.8,	10	13.7, 89.1, 196.1, -78.6, -27.6,								
11	13.7, 117.8, 200.5, -77.6, -23.6,	12	13.7, 143.1, 198.8, -74.4, -18.9,								
13	13.7, 163.9, 191.0, -68.8, -13.6,	14	13.7, 179.8, 177.5, -61.2, -7.9,								
15	13.7, 190.2, 158.6, -51.7, -2.0,	16	13.7, 194.9, 134.8, -40.6, 4.0,								
17	13.7, 193.6, 107.0, -28.3, 9.9,	18	13.7, 186.4, 75.9, -15.2, 15.4,								
19	13.7, 196.1, 89.1, -16.9, 19.5,	20	13.7, 200.5, 117.8, -35.3, 22.6,								

21	13.7,	198.8,	143.1,	-52.6,	25.0,	22	13.7,	191.0,	163.9,	-68.3,	26.7,
23	13.7,	177.5,	179.8,	-82.0,	27.6,	24	13.7,	158.6,	190.2,	-93.1,	27.6,
25	13.7,	134.8,	194.9,	-101.4,	26.8,	26	13.7,	107.0,	193.6,	-106.7,	25.2,
27	13.7,	75.9,	186.4,	-108.7,	22.8,	28	13.7,	89.1,	196.1,	-117.5,	27.6,
29	13.7,	117.9,	200.5,	-122.8,	23.6,	30	13.7,	143.1,	198.8,	-124.4,	18.9,
31	13.7,	163.9,	191.0,	-122.2,	13.6,	32	13.7,	179.8,	177.5,	-116.3,	7.9,
33	13.7,	190.2,	158.6,	-106.9,	2.0,	34	13.7,	194.9,	134.8,	-94.2,	-4.0,
35	13.7,	193.6,	107.0,	-78.6,	-9.9,	36	13.7,	186.4,	75.9,	-60.7,	-15.4,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	196.1,	89.1,	-73.4,	-12.2,	2	13.7,	200.5,	117.8,	-85.1,	-15.7,
3	13.7,	198.8,	143.1,	-94.1,	-18.6,	4	13.7,	191.0,	163.9,	-100.3,	-21.1,
5	13.7,	177.5,	179.8,	-103.5,	-22.8,	6	13.7,	158.6,	190.2,	-103.5,	-23.9,
7	13.7,	134.8,	194.9,	-100.4,	-24.3,	8	13.7,	107.0,	193.6,	-94.2,	-23.9,
9	13.7,	75.9,	186.4,	-85.1,	-22.8,	10	13.7,	89.1,	196.1,	-85.8,	-28.9,
11	13.7,	117.8,	200.5,	-84.6,	-26.1,	12	13.7,	143.1,	198.8,	-80.7,	-22.6,
13	13.7,	163.9,	191.0,	-74.5,	-18.4,	14	13.7,	179.8,	177.5,	-65.9,	-13.6,
15	13.7,	190.2,	158.6,	-55.4,	-8.4,	16	13.7,	194.9,	134.8,	-43.1,	-2.9,
17	13.7,	193.6,	107.0,	-29.6,	2.6,	18	13.7,	186.4,	75.9,	-15.2,	8.1,
19	13.7,	196.1,	89.1,	-15.7,	12.2,	20	13.7,	200.5,	117.8,	-32.8,	15.7,
21	13.7,	198.8,	143.1,	-48.9,	18.6,	22	13.7,	191.0,	163.9,	-63.6,	21.1,
23	13.7,	177.5,	179.8,	-76.3,	22.8,	24	13.7,	158.6,	190.2,	-86.7,	23.9,
25	13.7,	134.8,	194.9,	-94.5,	24.3,	26	13.7,	107.0,	193.6,	-99.4,	23.9,
27	13.7,	75.9,	186.4,	-101.3,	22.8,	28	13.7,	89.1,	196.1,	-110.2,	28.9,
29	13.7,	117.9,	200.5,	-115.9,	26.1,	30	13.7,	143.1,	198.8,	-118.0,	22.6,
31	13.7,	163.9,	191.0,	-116.6,	18.4,	32	13.7,	179.8,	177.5,	-111.6,	13.6,
33	13.7,	190.2,	158.6,	-103.2,	8.4,	34	13.7,	194.9,	134.8,	-91.7,	2.9,
35	13.7,	193.6,	107.0,	-77.4,	-2.6,	36	13.7,	186.4,	75.9,	-60.7,	-8.1,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** *** 16:27:29

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7,	196.1,	89.1,	-76.3,	3.5,	2	13.7,	200.5,	117.8,	-90.6,	-0.7,
3	13.7,	198.8,	143.1,	-102.2,	-4.8,	4	13.7,	191.0,	163.9,	-110.7,	-8.9,
5	13.7,	177.5,	179.8,	-115.8,	-12.6,	6	13.7,	158.6,	190.2,	-117.4,	-16.0,
7	13.7,	134.8,	194.9,	-115.4,	-18.9,	8	13.7,	107.0,	193.6,	-110.0,	-21.2,
9	13.7,	75.9,	186.4,	-101.1,	-22.9,	10	13.7,	89.1,	196.1,	-101.6,	-31.8,
11	13.7,	117.8,	200.5,	-99.6,	-31.7,	12	13.7,	143.1,	198.8,	-94.5,	-30.7,
13	13.7,	163.9,	191.0,	-86.6,	-28.7,	14	13.7,	179.8,	177.5,	-76.1,	-25.9,
15	13.7,	190.2,	158.6,	-63.3,	-22.3,	16	13.7,	194.9,	134.8,	-48.5,	-18.0,
17	13.7,	193.6,	107.0,	-32.3,	-13.2,	18	13.7,	186.4,	75.9,	-15.1,	-7.9,
19	13.7,	196.1,	89.1,	-12.8,	-3.5,	20	13.7,	200.5,	117.8,	-27.2,	0.7,
21	13.7,	198.8,	143.1,	-40.8,	4.8,	22	13.7,	191.0,	163.9,	-53.2,	8.9,
23	13.7,	177.5,	179.8,	-64.0,	12.6,	24	13.7,	158.6,	190.2,	-72.8,	16.0,

25	13.7, 134.8, 194.9, -79.4, 18.9,	26	13.7, 107.0, 193.6, -83.6, 21.2,
27	13.7, 75.9, 186.4, -85.3, 22.9,	28	13.7, 89.1, 196.1, -94.5, 31.8,
29	13.7, 117.9, 200.5, -100.9, 31.7,	30	13.7, 143.1, 198.8, -104.2, 30.7,
31	13.7, 163.9, 191.0, -104.4, 28.7,	32	13.7, 179.8, 177.5, -101.4, 25.9,
33	13.7, 190.2, 158.6, -95.3, 22.3,	34	13.7, 194.9, 134.8, -86.3, 18.0,
35	13.7, 193.6, 107.0, -74.7, 13.2,	36	13.7, 186.4, 75.9, -60.8, 7.9,

SOURCE ID: STCK4

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 196.1, 89.1, -77.6, 10.8,	2	13.7, 200.5, 117.8, -93.1, 6.2,								
3	13.7, 198.8, 143.1, -105.9, 1.5,	4	13.7, 191.0, 163.9, -115.4, -3.2,								
5	13.7, 177.5, 179.8, -121.5, -7.9,	6	13.7, 158.6, 190.2, -123.8, -12.3,								
7	13.7, 134.8, 194.9, -122.3, -16.4,	8	13.7, 107.0, 193.6, -117.2, -19.9,								
9	13.7, 75.9, 186.4, -108.5, -22.9,	10	13.7, 89.1, 196.1, -108.8, -33.0,								
11	13.7, 117.8, 200.5, -106.5, -34.2,	12	13.7, 143.1, 198.8, -100.9, -34.4,								
13	13.7, 163.9, 191.0, -92.3, -33.5,	14	13.7, 179.8, 177.5, -80.9, -31.5,								
15	13.7, 190.2, 158.6, -67.0, -28.7,	16	13.7, 194.9, 134.8, -51.0, -24.9,								
17	13.7, 193.6, 107.0, -33.6, -20.4,	18	13.7, 186.4, 75.9, -15.1, -15.3,								
19	13.7, 196.1, 89.1, -11.5, -10.8,	20	13.7, 200.5, 117.8, -24.7, -6.2,								
21	13.7, 198.8, 143.1, -37.2, -1.5,	22	13.7, 191.0, 163.9, -48.5, 3.2,								
23	13.7, 177.5, 179.8, -58.4, 7.9,	24	13.7, 158.6, 190.2, -66.5, 12.3,								
25	13.7, 134.8, 194.9, -72.5, 16.4,	26	13.7, 107.0, 193.6, -76.4, 19.9,								
27	13.7, 75.9, 186.4, -77.9, 22.9,	28	13.7, 89.1, 196.1, -87.3, 33.0,								
29	13.7, 117.9, 200.5, -94.0, 34.2,	30	13.7, 143.1, 198.8, -97.9, 34.4,								
31	13.7, 163.9, 191.0, -98.8, 33.5,	32	13.7, 179.8, 177.5, -96.6, 31.5,								
33	13.7, 190.2, 158.6, -91.6, 28.7,	34	13.7, 194.9, 134.8, -83.8, 24.9,								
35	13.7, 193.6, 107.0, -73.4, 20.4,	36	13.7, 186.4, 75.9, -60.8, 15.3,								

SOURCE ID: STCK5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 196.1, 89.1, -80.2, 27.1,	2	13.7, 200.5, 117.8, -98.6, 21.9,								
3	13.7, 198.8, 143.1, -114.0, 16.0,	4	13.7, 191.0, 163.9, -125.9, 9.6,								
5	13.7, 177.5, 179.8, -134.0, 2.9,	6	13.7, 158.6, 190.2, -138.0, -3.8,								
7	13.7, 134.8, 194.9, -137.8, -10.5,	8	13.7, 107.0, 193.6, -133.5, -16.8,								
9	13.7, 75.9, 186.4, -125.0, -22.6,	10	13.7, 89.1, 196.1, -125.1, -35.7,								
11	13.7, 117.8, 200.5, -122.1, -39.6,	12	13.7, 143.1, 198.8, -115.4, -42.4,								
13	13.7, 163.9, 191.0, -105.1, -43.9,	14	13.7, 179.8, 177.5, -91.7, -44.0,								
15	13.7, 190.2, 158.6, -75.5, -42.9,	16	13.7, 194.9, 134.8, -56.9, -40.4,								
17	13.7, 193.6, 107.0, -36.7, -36.7,	18	13.7, 186.4, 75.9, -15.3, -31.8,								
19	13.7, 196.1, 89.1, -8.9, -27.1,	20	13.7, 200.5, 117.8, -19.3, -21.9,								
21	13.7, 198.8, 143.1, -29.1, -16.0,	22	13.7, 191.0, 163.9, -38.1, -9.6,								
23	13.7, 177.5, 179.8, -45.9, -2.9,	24	13.7, 158.6, 190.2, -52.3, 3.8,								
25	13.7, 134.8, 194.9, -57.1, 10.5,	26	13.7, 107.0, 193.6, -60.1, 16.8,								
27	13.7, 75.9, 186.4, -61.4, 22.6,	28	13.7, 89.1, 196.1, -70.9, 35.7,								
29	13.7, 117.9, 200.5, -78.3, 39.6,	30	13.7, 143.1, 198.8, -83.4, 42.4,								
31	13.7, 163.9, 191.0, -85.9, 43.9,	32	13.7, 179.8, 177.5, -85.8, 44.0,								
33	13.7, 190.2, 158.6, -83.1, 42.9,	34	13.7, 194.9, 134.8, -77.9, 40.4,								
35	13.7, 193.6, 107.0, -70.3, 36.7,	36	13.7, 186.4, 75.9, -60.6, 31.8,								

SOURCE ID: STCK6

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ

1	13.7, 196.1, 89.1, -81.5, 34.4,	2	13.7, 200.5, 117.8, -101.1, 28.8,
3	13.7, 198.8, 143.1, -117.6, 22.4,	4	13.7, 191.0, 163.9, -130.6, 15.2,
5	13.7, 177.5, 179.8, -139.6, 7.7,	6	13.7, 158.6, 190.2, -144.4, -0.1,
7	13.7, 134.8, 194.9, -144.7, -8.0,	8	13.7, 107.0, 193.6, -140.7, -15.5,
9	13.7, 75.9, 186.4, -132.4, -22.6,	10	13.7, 89.1, 196.1, -132.4, -36.9,
11	13.7, 117.8, 200.5, -129.0, -42.2,	12	13.7, 143.1, 198.8, -121.8, -46.1,
13	13.7, 163.9, 191.0, -110.8, -48.6,	14	13.7, 179.8, 177.5, -96.4, -49.7,
15	13.7, 190.2, 158.6, -79.1, -49.2,	16	13.7, 194.9, 134.8, -59.5, -47.3,
17	13.7, 193.6, 107.0, -38.0, -43.9,	18	13.7, 186.4, 75.9, -15.3, -39.2,
19	13.7, 196.1, 89.1, -7.6, -34.4,	20	13.7, 200.5, 117.8, -16.8, -28.8,
21	13.7, 198.8, 143.1, -25.4, -22.4,	22	13.7, 191.0, 163.9, -33.3, -15.2,
23	13.7, 177.5, 179.8, -40.2, -7.7,	24	13.7, 158.6, 190.2, -45.9, 0.1,
25	13.7, 134.8, 194.9, -50.1, 8.0,	26	13.7, 107.0, 193.6, -52.9, 15.5,
27	13.7, 75.9, 186.4, -54.0, 22.6,	28	13.7, 89.1, 196.1, -63.7, 36.9,
29	13.7, 117.9, 200.5, -71.4, 42.2,	30	13.7, 143.1, 198.8, -77.0, 46.1,
31	13.7, 163.9, 191.0, -80.3, 48.6,	32	13.7, 179.8, 177.5, -81.1, 49.7,
33	13.7, 190.2, 158.6, -79.4, 49.2,	34	13.7, 194.9, 134.8, -75.4, 47.3,
35	13.7, 193.6, 107.0, -69.0, 43.9,	36	13.7, 186.4, 75.9, -60.6, 39.2,

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 12

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK7

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 196.1, 89.1, -85.2, 56.8,	2	13.7, 200.5, 117.8, -108.6, 50.2,								
3	13.7, 198.8, 143.1, -128.8, 42.1,	4	13.7, 191.0, 163.9, -145.0, 32.8,								
5	13.7, 177.5, 179.8, -156.9, 22.4,	6	13.7, 158.6, 190.2, -163.9, 11.4,								
7	13.7, 134.8, 194.9, -166.0, 0.0,	8	13.7, 107.0, 193.6, -163.0, -11.4,								
9	13.7, 75.9, 186.4, -155.1, -22.4,	10	13.7, 89.1, 196.1, -154.8, -40.7,								
11	13.7, 117.8, 200.5, -150.4, -49.7,	12	13.7, 143.1, 198.8, -141.5, -57.3,								
13	13.7, 163.9, 191.0, -128.3, -63.1,	14	13.7, 179.8, 177.5, -111.2, -66.9,								
15	13.7, 190.2, 158.6, -90.7, -68.8,	16	13.7, 194.9, 134.8, -67.4, -68.5,								
17	13.7, 193.6, 107.0, -42.1, -66.2,	18	13.7, 186.4, 75.9, -15.5, -61.9,								
19	13.7, 196.1, 89.1, -3.8, -56.8,	20	13.7, 200.5, 117.8, -9.2, -50.2,								
21	13.7, 198.8, 143.1, -14.3, -42.1,	22	13.7, 191.0, 163.9, -18.9, -32.8,								
23	13.7, 177.5, 179.8, -23.0, -22.4,	24	13.7, 158.6, 190.2, -26.3, -11.4,								
25	13.7, 134.8, 194.9, -28.9, -0.0,	26	13.7, 107.0, 193.6, -30.6, 11.4,								
27	13.7, 75.9, 186.4, -31.3, 22.4,	28	13.7, 89.1, 196.1, -41.3, 40.7,								
29	13.7, 117.9, 200.5, -50.0, 49.7,	30	13.7, 143.1, 198.8, -57.3, 57.3,								
31	13.7, 163.9, 191.0, -62.8, 63.1,	32	13.7, 179.8, 177.5, -66.3, 66.9,								
33	13.7, 190.2, 158.6, -67.9, 68.8,	34	13.7, 194.9, 134.8, -67.4, 68.5,								
35	13.7, 193.6, 107.0, -64.9, 66.2,	36	13.7, 186.4, 75.9, -60.3, 61.9,								

SOURCE ID: STCK8

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	13.7, 196.1, 89.1, -86.5, 64.0,	2	13.7, 200.5, 117.8, -111.2, 57.1,								
3	13.7, 198.8, 143.1, -132.5, 48.5,	4	13.7, 191.0, 163.9, -149.8, 38.4,								

5 13.7, 177.5, 179.8, -162.5, 27.2, 6 13.7, 158.6, 190.2, -170.3, 15.1,
7 13.7, 134.8, 194.9, -172.9, 2.5, 8 13.7, 107.0, 193.6, -170.3, -10.1,
9 13.7, 75.9, 186.4, -162.5, -22.4, 10 13.7, 89.1, 196.1, -162.0, -41.9,
11 13.7, 117.8, 200.5, -157.4, -52.2, 12 13.7, 143.1, 198.8, -147.9, -60.9,
13 13.7, 163.9, 191.0, -133.9, -67.8, 14 13.7, 179.8, 177.5, -115.9, -72.6,
15 13.7, 190.2, 158.6, -94.4, -75.2, 16 13.7, 194.9, 134.8, -69.9, -75.5,
17 13.7, 193.6, 107.0, -43.4, -73.5, 18 13.7, 186.4, 75.9, -15.5, -69.2,
19 13.7, 196.1, 89.1, -2.6, -64.0, 20 13.7, 200.5, 117.8, -6.7, -57.1,
21 13.7, 198.8, 143.1, -10.6, -48.5, 22 13.7, 191.0, 163.9, -14.2, -38.4,
23 13.7, 177.5, 179.8, -17.3, -27.2, 24 13.7, 158.6, 190.2, -19.9, -15.1,
25 13.7, 134.8, 194.9, -22.0, -2.5, 26 13.7, 107.0, 193.6, -23.3, 10.1,
27 13.7, 75.9, 186.4, -24.0, 22.4, 28 13.7, 89.1, 196.1, -34.0, 41.9,
29 13.7, 117.9, 200.5, -43.1, 52.2, 30 13.7, 143.1, 198.8, -50.9, 60.9,
31 13.7, 163.9, 191.0, -57.1, 67.8, 32 13.7, 179.8, 177.5, -61.6, 72.6,
33 13.7, 190.2, 158.6, -64.2, 75.2, 34 13.7, 194.9, 134.8, -64.9, 75.5,
35 13.7, 193.6, 107.0, -63.6, 73.5, 36 13.7, 186.4, 75.9, -60.3, 69.2,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** *** 16:27:29

PAGE 13

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

376369.8, 376510.8, 376651.9, 376792.9, 376934.0, 377075.0, 377216.1, 377357.1, 377498.2, 377639.2,
377780.3, 377921.3, 378062.4, 378203.4, 378344.5, 378485.5, 378626.6, 378767.6, 378908.7, 379049.7,
379190.8, 379331.8, 379472.9, 379613.9, 379755.0,

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

3744808.4, 3744936.0, 3745063.7, 3745191.4, 3745319.0, 3745446.7, 3745574.4, 3745702.0, 3745829.7,
3745957.4,
3746085.1, 3746212.7, 3746340.4, 3746468.1, 3746595.7, 3746723.4, 3746851.1, 3746978.8, 3747106.4,
3747234.1,
3747361.8, 3747489.4, 3747617.1, 3747744.8, 3747872.4,

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** *** 16:27:29

PAGE 14

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)
376369.79	376510.84 376651.89 376792.94 376933.99 377075.04 377216.09 377357.14

3747872.44	21.30	20.60	20.30	19.60	18.40	18.50	21.20	21.10	24.50
3747744.77	22.20	21.80	20.80	19.60	18.70	18.70	20.20	20.70	20.10
3747617.10	21.10	20.70	21.60	20.00	18.70	18.80	19.40	20.20	19.70
3747489.43	21.20	20.40	19.90	19.30	18.60	18.40	18.40	19.90	20.10
3747361.76	21.70	20.70	19.90	20.20	20.00	18.70	18.10	19.00	20.10
3747234.09	21.80	21.30	20.30	19.50	19.10	18.50	17.90	18.60	19.80
3747106.42	22.30	22.20	20.70	19.60	19.30	18.80	20.00	21.90	21.00
3746978.75	21.90	20.90	20.40	19.60	19.30	18.30	20.00	13.90	20.10
3746851.08	21.00	21.00	19.50	19.20	19.10	16.80	18.10	16.40	17.80
3746723.41	21.00	20.50	19.90	19.40	19.00	18.40	18.80	18.00	18.40
3746595.74	22.80	21.40	20.70	20.40	20.70	19.90	18.40	19.40	17.30
3746468.07	22.40	22.10	20.50	21.20	21.20	20.30	19.30	19.50	19.40
3746340.40	22.70	22.60	22.00	21.80	21.50	20.60	19.90	19.70	20.10
3746212.73	23.90	22.30	22.30	22.10	21.20	21.00	20.50	20.00	18.90
3746085.06	23.30	22.10	22.00	21.90	22.10	21.50	21.70	20.60	19.50
3745957.39	21.60	23.20	22.60	21.90	22.00	21.60	21.20	20.80	20.60
3745829.72	25.20	22.90	22.90	22.20	22.10	22.10	22.10	21.40	21.70
3745702.05	24.90	24.60	19.60	22.10	22.50	22.30	22.40	22.40	22.30
3745574.38	25.80	25.30	24.90	21.70	21.00	22.70	22.90	22.50	22.60
3745446.71	25.00	24.50	24.20	24.20	21.20	22.80	21.80	22.30	23.10
3745319.04	24.70	25.20	24.80	24.20	24.60	23.60	23.90	23.30	22.80
3745191.37	26.30	28.00	27.40	26.10	26.30	27.50	28.10	26.00	23.50
3745063.70	28.30	29.40	30.10	30.00	29.80	28.40	29.70	28.40	26.20
3744936.03	30.20	30.00	30.70	32.10	31.20	29.30	29.40	29.10	28.30
3744808.36	27.50	27.80	27.70	27.40	27.30	27.10	26.80	26.70	26.40

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** ** 16:27:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59	
378767.64									

3747872.44	20.10	19.20	19.10	20.00	19.20	18.60	18.40	17.80	17.70
3747744.77	19.60	23.20	19.40	20.30	19.20	18.70	18.60	18.00	17.40
3747617.10	19.60	19.50	19.40	22.70	24.80	18.80	18.60	18.40	17.90
3747489.43	19.90	19.50	19.30	19.50	19.30	20.30	22.50	18.60	18.40
3747361.76	19.60	19.30	19.20	19.40	20.00	20.20	19.80	19.20	18.40
3747234.09	19.10	18.20	18.80	19.60	19.80	19.40	19.00	18.50	18.00
3747106.42	22.30	17.50	20.50	22.90	20.50	20.80	20.00	19.10	19.00
3746978.75	20.50	17.60	15.30	20.60	19.60	20.40	20.30	19.90	18.70
3746851.08	17.00	17.40	18.00	18.80	19.50	18.60	19.00	19.00	18.70
3746723.41	17.70	17.00	16.50	17.20	19.40	20.00	19.00	18.50	18.60
3746595.74	16.70	16.00	15.30	16.40	18.70	20.10	19.60	19.20	19.30

3746468.07	19.30	17.40	15.30	15.80	18.10	17.90	17.90	19.20	18.60
3746340.40	18.40	18.60	17.40	15.20	17.10	17.10	17.30	17.50	18.30
3746212.73	17.50	18.80	16.60	17.00	17.10	16.50	16.60	17.70	18.20
3746085.06	18.50	17.90	16.80	17.60	16.10	16.20	16.60	17.90	17.70
3745957.39	20.50	18.90	16.40	16.90	15.80	15.40	15.40	16.90	17.70
3745829.72	21.70	21.30	20.00	17.30	16.70	16.80	15.80	17.00	17.40
3745702.05	22.20	21.80	20.80	23.20	17.90	17.10	15.10	16.20	17.00
3745574.38	22.60	21.40	21.30	18.30	17.80	18.80	14.80	16.50	17.50
3745446.71	23.00	21.40	21.30	18.70	18.90	18.10	19.80	15.40	16.60
3745319.04	22.40	21.90	21.50	19.20	18.80	19.60	21.00	17.60	16.00
3745191.37	22.70	22.20	22.10	21.50	20.10	19.60	20.90	18.00	15.50
3745063.70	24.90	23.30	21.50	20.70	20.00	19.60	20.50	20.10	13.10
3744936.03	26.00	23.80	23.40	22.70	21.60	20.80	18.30	15.20	12.00
3744808.36	25.90	25.40	24.50	23.20	22.10	20.50	19.00	18.40	16.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 16

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	16.50	16.60	16.50	16.20	16.00	15.30	14.80
3747744.77	16.80	17.20	16.70	16.20	15.60	15.10	14.90
3747617.10	16.90	17.00	16.50	16.20	15.70	15.40	15.10
3747489.43	17.10	18.00	16.80	16.40	16.10	15.60	14.80
3747361.76	17.20	21.50	19.70	18.30	19.60	21.60	23.30
3747234.09	17.40	16.90	16.70	16.00	15.70	15.20	15.00
3747106.42	18.50	17.90	18.00	16.40	16.70	15.70	16.40
3746978.75	18.60	17.40	18.20	17.20	17.80	16.00	16.20
3746851.08	18.60	17.40	18.00	17.40	17.60	17.00	16.50
3746723.41	18.70	17.60	18.40	17.40	17.10	16.50	17.40
3746595.74	18.70	17.30	17.80	17.80	17.20	16.30	17.00
3746468.07	18.70	17.60	17.80	17.90	17.00	16.30	16.90
3746340.40	18.80	17.70	17.40	18.10	17.00	17.30	16.90
3746212.73	17.40	17.30	17.40	17.90	15.60	15.20	15.30
3746085.06	17.50	17.60	17.60	16.80	15.50	15.60	14.50
3745957.39	16.10	15.70	16.30	15.80	14.80	14.80	13.60
3745829.72	17.20	15.90	13.80	14.50	15.30	14.70	12.80
3745702.05	17.80	17.20	16.80	13.80	14.00	13.70	13.60
3745574.38	17.40	16.40	16.00	15.40	13.70	13.60	13.40
3745446.71	16.10	15.90	15.10	14.90	14.30	13.10	12.90
3745319.04	15.50	14.50	15.00	14.90	14.20	14.30	13.30
3745191.37	16.50	15.30	14.10	15.00	13.90	13.40	13.60
3745063.70	15.10	15.30	14.40	13.10	13.00	13.10	12.90
3744936.03	12.20	13.90	14.80	13.50	11.60	11.90	12.10
3744808.36	14.50	11.30	8.90	10.00	10.70	11.20	11.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

3747872.44	20.10	19.20	19.10	20.00	19.20	18.60	18.40	17.80	17.70
3747744.77	19.60	23.20	25.00	20.30	19.20	18.70	18.60	18.00	17.40
3747617.10	19.60	19.50	19.40	26.20	25.90	18.80	18.60	18.40	17.90
3747489.43	19.90	19.50	19.30	19.50	19.30	24.00	22.50	18.60	18.40
3747361.76	19.60	19.30	19.20	19.40	20.00	20.20	19.80	19.20	24.30
3747234.09	19.10	18.20	18.80	19.60	19.80	19.40	19.00	18.50	18.00
3747106.42	22.30	24.30	20.50	22.90	20.50	20.80	20.00	19.10	19.00
3746978.75	20.50	22.90	22.90	24.50	19.60	20.40	20.30	19.90	18.70
3746851.08	17.00	17.40	24.40	18.80	19.50	18.60	19.00	19.00	18.70
3746723.41	17.70	17.00	16.50	17.20	19.40	20.00	19.00	18.50	18.60
3746595.74	16.70	16.00	15.30	16.40	18.70	20.10	19.60	19.20	19.30
3746468.07	19.30	17.40	15.30	15.80	18.10	17.90	17.90	19.20	18.60
3746340.40	21.30	18.60	17.40	15.20	17.10	17.10	17.30	17.50	18.30
3746212.73	17.50	18.80	16.60	17.00	17.10	16.50	16.60	17.70	18.20
3746085.06	18.50	20.00	16.80	17.60	16.10	16.20	16.60	17.90	17.70
3745957.39	20.50	18.90	16.40	16.90	15.80	15.40	15.40	16.90	17.70
3745829.72	21.70	21.30	20.00	17.30	16.70	16.80	15.80	17.00	17.40
3745702.05	22.20	21.80	20.80	23.20	17.90	17.10	15.10	16.20	17.00
3745574.38	22.60	21.40	21.30	18.30	17.80	18.80	14.80	16.50	17.50
3745446.71	23.00	21.40	21.30	18.70	18.90	18.10	19.80	15.40	16.60
3745319.04	22.40	21.90	21.50	19.20	18.80	19.60	21.00	20.90	16.00
3745191.37	22.70	22.20	22.10	21.50	20.10	19.60	20.90	18.00	15.50
3745063.70	24.90	23.30	21.50	20.70	20.00	19.60	20.50	20.10	13.10
3744936.03	26.00	23.80	23.40	22.70	21.60	20.80	18.30	20.90	12.00
3744808.36	25.90	25.40	24.50	23.20	22.10	20.50	19.00	18.40	16.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 19

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	16.50	16.60	16.50	16.20	16.00	15.30	14.80
3747744.77	16.80	17.20	16.70	16.20	15.60	15.10	14.90
3747617.10	16.90	17.00	16.50	16.20	15.70	15.40	15.10
3747489.43	17.10	18.00	16.80	16.40	16.10	15.60	14.80
3747361.76	24.40	21.50	19.70	18.30	19.60	21.60	23.30
3747234.09	17.40	16.90	16.70	16.00	15.70	15.20	15.00
3747106.42	18.50	17.90	18.00	16.40	16.70	15.70	16.40
3746978.75	18.60	17.40	18.20	17.20	17.80	16.00	16.20
3746851.08	18.60	17.40	18.00	17.40	17.60	17.00	16.50
3746723.41	18.70	17.60	18.40	17.40	17.10	16.50	17.40
3746595.74	18.70	17.30	17.80	17.80	17.20	16.30	17.00
3746468.07	18.70	17.60	17.80	17.90	17.00	16.30	16.90
3746340.40	18.80	17.70	17.40	18.10	17.00	17.30	16.90
3746212.73	17.40	17.30	17.40	17.90	15.60	15.20	15.30
3746085.06	17.50	17.60	17.60	16.80	15.50	15.60	14.50

3745957.39	16.10	15.70	16.30	15.80	14.80	14.80	13.60
3745829.72	17.20	15.90	13.80	14.50	15.30	14.70	12.80
3745702.05	17.80	17.20	16.80	13.80	14.00	13.70	13.60
3745574.38	17.40	16.40	16.00	15.40	13.70	13.60	13.40
3745446.71	16.10	15.90	15.10	14.90	14.30	13.10	12.90
3745319.04	15.50	14.50	15.00	14.90	14.20	14.30	13.30
3745191.37	16.50	15.30	14.10	15.00	13.90	13.40	13.60
3745063.70	15.10	15.30	14.40	13.10	13.00	13.10	12.90
3744936.03	12.20	13.90	14.80	13.50	11.60	11.90	12.10
3744808.36	14.50	11.30	8.90	10.00	10.70	11.20	11.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(377157.3, 3745932.9,	22.1,	22.1,	0.0);	(377175.1, 3745925.8,	21.6,	21.6,	0.0);
(377190.5, 3745923.9,	21.6,	21.6,	0.0);	(377202.9, 3745925.8,	21.5,	21.5,	0.0);
(377221.1, 3745927.2,	21.3,	21.3,	0.0);	(377235.7, 3745925.4,	21.3,	21.3,	0.0);
(377246.5, 3745921.9,	21.4,	21.4,	0.0);	(377264.1, 3745921.7,	21.3,	21.3,	0.0);
(377280.5, 3745921.7,	21.3,	21.3,	0.0);	(377293.9, 3745920.5,	21.3,	21.3,	0.0);
(377310.9, 3745922.1,	21.3,	21.3,	0.0);	(377325.3, 3745926.6,	21.2,	21.2,	0.0);
(377343.9, 3745923.3,	21.2,	21.2,	0.0);	(377358.7, 3745923.3,	21.1,	21.1,	0.0);
(377371.4, 3745922.0,	21.0,	21.0,	0.0);	(377385.7, 3745926.0,	20.8,	20.8,	0.0);
(377143.8, 3745985.0,	21.7,	21.7,	0.0);	(377157.6, 3745985.4,	21.7,	21.7,	0.0);
(377187.6, 3745985.0,	21.5,	21.5,	0.0);	(377216.8, 3745985.2,	21.3,	21.3,	0.0);
(377248.8, 3745983.1,	21.3,	21.3,	0.0);	(377279.6, 3745983.8,	21.2,	21.2,	0.0);
(377322.2, 3745982.9,	21.0,	21.0,	0.0);	(377369.0, 3745982.3,	20.8,	20.8,	0.0);
(377097.5, 3745290.8,	24.8,	24.8,	0.0);	(377139.5, 3745293.1,	24.8,	24.8,	0.0);
(377174.9, 3745293.1,	24.9,	24.9,	0.0);	(377235.2, 3745291.7,	24.4,	24.4,	0.0);
(377299.1, 3745287.8,	24.2,	24.2,	0.0);	(377328.6, 3745289.4,	24.0,	24.0,	0.0);
(377359.3, 3745291.6,	23.7,	23.7,	0.0);	(377429.5, 3745982.4,	20.7,	20.7,	0.0);
(377469.4, 3745980.4,	20.8,	20.8,	0.0);	(377500.1, 3745981.4,	20.9,	20.9,	0.0);
(377531.5, 3745980.1,	21.0,	21.0,	0.0);	(377567.4, 3745977.5,	20.8,	20.8,	0.0);
(377600.1, 3745978.1,	20.6,	20.6,	0.0);	(377627.8, 3745979.1,	20.7,	20.7,	0.0);
(377705.4, 3745979.8,	20.6,	20.6,	0.0);	(377734.5, 3745977.8,	19.9,	19.9,	0.0);
(377780.0, 3745980.4,	19.1,	19.1,	0.0);	(377812.4, 3745978.1,	18.3,	18.3,	0.0);
(377856.6, 3745976.1,	17.4,	17.4,	0.0);	(377895.2, 3745974.5,	16.7,	16.7,	0.0);
(377735.5, 3745941.5,	19.9,	19.9,	0.0);	(377814.3, 3745942.5,	18.5,	18.5,	0.0);
(377773.4, 3745936.5,	19.3,	19.3,	0.0);	(377671.1, 3745939.8,	20.6,	20.6,	0.0);
(377634.5, 3745937.5,	20.6,	20.6,	0.0);	(377585.6, 3745941.5,	20.7,	20.7,	0.0);
(377572.1, 3745940.2,	20.6,	20.6,	0.0);	(377525.8, 3745939.2,	20.6,	20.6,	0.0);
(378905.2, 3745961.8,	16.1,	16.1,	0.0);	(378905.8, 3745921.8,	16.4,	16.4,	0.0);
(378887.8, 3745843.8,	17.6,	17.6,	0.0);	(378641.4, 3747296.7,	19.3,	19.3,	0.0);
(377346.6, 3745857.7,	21.4,	21.4,	0.0);	(377222.5, 3745780.0,	22.4,	22.4,	0.0);
(377185.6, 3745779.4,	22.4,	22.4,	0.0);	(377106.2, 3745766.0,	22.4,	22.4,	0.0);
(377287.7, 3745779.6,	21.8,	21.8,	0.0);	(377219.4, 3745700.5,	22.5,	22.5,	0.0);
(377324.8, 3745779.6,	22.1,	22.1,	0.0);	(377192.9, 3745640.2,	22.6,	22.6,	0.0);
(377125.0, 3745641.0,	22.7,	22.7,	0.0);	(378120.3, 3747249.5,	19.9,	19.9,	0.0);
(378202.2, 3747250.5,	19.8,	19.8,	0.0);	(378283.2, 3747245.4,	19.4,	19.4,	0.0);

12 01 01	1 01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	283.8	2.0
12 01 01	1 02	-2.1	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	305.	7.9	283.1	2.0

12	01	01	1	03	-9.0	0.127	-9.000	-9.000	-999.	109.	20.8	0.24	2.79	1.00	1.18	323.	7.9	282.5	2.0
12	01	01	1	04	-2.2	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	296.	7.9	282.0	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	06	-6.0	0.103	-9.000	-9.000	-999.	80.	16.7	0.24	2.79	1.00	0.97	321.	7.9	281.4	2.0
12	01	01	1	07	-4.3	0.088	-9.000	-9.000	-999.	63.	14.4	0.24	2.79	1.00	0.82	313.	7.9	280.4	2.0
12	01	01	1	08	15.7	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	0.55	0.00	0.	7.9	281.4	2.0
12	01	01	1	09	35.7	0.115	0.353	0.013	45.	93.	-3.8	0.24	2.79	0.32	0.63	179.	7.9	285.4	2.0
12	01	01	1	10	109.0	0.141	0.727	0.009	128.	127.	-2.3	0.24	2.79	0.24	0.70	170.	7.9	289.2	2.0
12	01	01	1	11	164.4	0.149	1.186	0.005	370.	138.	-1.8	0.24	2.79	0.21	0.70	222.	7.9	297.0	2.0
12	01	01	1	12	191.7	0.163	1.525	0.005	672.	158.	-2.1	0.24	2.79	0.20	0.79	12.	7.9	299.9	2.0
12	01	01	1	13	191.3	0.170	1.819	0.005	1144.	168.	-2.3	0.24	2.79	0.20	0.84	260.	7.9	300.9	2.0
12	01	01	1	14	161.6	0.344	1.852	0.005	1428.	483.	-22.7	0.24	2.79	0.21	2.49	260.	7.9	298.8	2.0
12	01	01	1	15	105.0	0.367	1.638	0.005	1521.	534.	-42.8	0.24	2.79	0.24	2.84	292.	7.9	293.8	2.0
12	01	01	1	16	29.7	0.383	1.079	0.005	1539.	570.	-172.5	0.24	2.79	0.33	3.22	276.	7.9	290.4	2.0
12	01	01	1	17	-24.8	0.287	-9.000	-9.000	-999.	374.	90.3	0.24	2.79	0.59	2.52	284.	7.9	289.2	2.0
12	01	01	1	18	-26.7	0.269	-9.000	-9.000	-999.	336.	79.8	0.24	2.79	1.00	2.38	285.	7.9	287.5	2.0
12	01	01	1	19	-10.2	0.137	-9.000	-9.000	-999.	133.	22.7	0.24	2.79	1.00	1.26	287.	7.9	287.5	2.0
12	01	01	1	20	-6.2	0.106	-9.000	-9.000	-999.	83.	17.2	0.24	2.79	1.00	0.99	303.	7.9	287.0	2.0
12	01	01	1	21	-7.6	0.117	-9.000	-9.000	-999.	96.	19.1	0.24	2.79	1.00	1.09	326.	7.9	286.4	2.0
12	01	01	1	22	-6.8	0.110	-9.000	-9.000	-999.	88.	18.0	0.24	2.79	1.00	1.03	297.	7.9	285.9	2.0
12	01	01	1	23	-19.9	0.200	-9.000	-9.000	-999.	214.	43.9	0.24	2.79	1.00	1.79	290.	7.9	285.9	2.0
12	01	01	1	24	-19.6	0.196	-9.000	-9.000	-999.	209.	42.3	0.24	2.79	1.00	1.76	282.	7.9	285.9	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	-999.	-99.00	283.8	99.0	-99.00	-99.00	

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

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

*** 16:27:29

PAGE 23

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)							
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14
	377498.19							

3747872.44	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006
0.00005								
3747744.77	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
0.00007								
3747617.10	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008
0.00009								
3747489.43	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011
0.00011								
3747361.76	0.00007	0.00007	0.00008	0.00009	0.00010	0.00012	0.00015	0.00018
0.00019								
3747234.09	0.00008	0.00008	0.00010	0.00011	0.00014	0.00024	0.00135	0.00145
0.00149								
3747106.42	0.00008	0.00009	0.00011	0.00013	0.00018	0.00092	0.00034	0.00029
0.00029								
3746978.75	0.00009	0.00011	0.00013	0.00015	0.00021	0.00122	0.00032	0.00026
0.00025								
3746851.08	0.00011	0.00012	0.00015	0.00018	0.00025	0.00110	0.00034	0.00028
0.00026								
3746723.41	0.00012	0.00014	0.00017	0.00021	0.00029	0.00120	0.00039	0.00033
0.00031								
3746595.74	0.00013	0.00016	0.00020	0.00025	0.00035	0.00127	0.00047	0.00042
0.00038								
3746468.07	0.00014	0.00018	0.00023	0.00030	0.00042	0.00134	0.00059	0.00055
0.00052								
3746340.40	0.00016	0.00020	0.00027	0.00037	0.00052	0.00144	0.00079	0.00077
0.00073								
3746212.73	0.00017	0.00023	0.00031	0.00044	0.00066	0.00160	0.00111	0.00118
0.00109								
3746085.06	0.00018	0.00025	0.00036	0.00053	0.00081	0.00188	0.00165	0.00208
0.00202								
3745957.39	0.00020	0.00027	0.00040	0.00062	0.00100	0.00242	0.00266	0.00547
0.00682								
3745829.72	0.00019	0.00028	0.00042	0.00068	0.00116	0.00291	0.00394	0.00855
0.01088								
3745702.05	0.00020	0.00028	0.00044	0.00070	0.00115	0.00270	0.00325	0.00444
0.00572								
3745574.38	0.00019	0.00027	0.00040	0.00064	0.00100	0.00164	0.00216	0.00285
0.00326								
3745446.71	0.00018	0.00025	0.00036	0.00052	0.00079	0.00108	0.00147	0.00191
0.00209								
3745319.04	0.00016	0.00021	0.00030	0.00041	0.00057	0.00077	0.00101	0.00130
0.00142								
3745191.37	0.00014	0.00018	0.00023	0.00031	0.00042	0.00054	0.00069	0.00086
0.00094								
3745063.70	0.00012	0.00015	0.00019	0.00024	0.00030	0.00039	0.00048	0.00057
0.00061								
3744936.03	0.00011	0.00013	0.00015	0.00018	0.00023	0.00028	0.00034	0.00038
0.00040								
3744808.36	0.00010	0.00011	0.00013	0.00015	0.00017	0.00021	0.00024	0.00026
0.00027								

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

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

*** 16:27:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)							
(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59
378767.64								

3747872.44	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
0.00005								
3747744.77	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
0.00006								
3747617.10	0.00009	0.00009	0.00009	0.00009	0.00008	0.00009	0.00008	0.00008
0.00008								
3747489.43	0.00012	0.00012	0.00012	0.00012	0.00012	0.00011	0.00011	0.00010
0.00010								
3747361.76	0.00020	0.00020	0.00020	0.00019	0.00019	0.00018	0.00017	0.00016
0.00015								
3747234.09	0.00150	0.00150	0.00149	0.00147	0.00142	0.00130	0.00122	0.00110
0.00024								
3747106.42	0.00028	0.00028	0.00027	0.00026	0.00026	0.00026	0.00024	0.00021
0.00016								
3746978.75	0.00024	0.00023	0.00022	0.00021	0.00020	0.00019	0.00018	0.00016
0.00014								
3746851.08	0.00025	0.00023	0.00022	0.00021	0.00019	0.00018	0.00016	0.00015
0.00014								
3746723.41	0.00029	0.00027	0.00025	0.00023	0.00021	0.00019	0.00017	0.00015
0.00015								
3746595.74	0.00036	0.00034	0.00031	0.00028	0.00025	0.00021	0.00019	0.00017
0.00016								
3746468.07	0.00049	0.00046	0.00041	0.00036	0.00031	0.00026	0.00022	0.00019
0.00017								
3746340.40	0.00070	0.00067	0.00059	0.00050	0.00041	0.00032	0.00025	0.00021
0.00018								
3746212.73	0.00108	0.00105	0.00091	0.00072	0.00054	0.00039	0.00029	0.00023
0.00019								
3746085.06	0.00202	0.00187	0.00142	0.00096	0.00063	0.00043	0.00031	0.00024
0.00020								
3745957.39	0.00531	0.00305	0.00178	0.00116	0.00077	0.00056	0.00044	0.00036
0.00030								
3745829.72	0.00556	0.00291	0.00170	0.00101	0.00063	0.00041	0.00030	0.00023

0.00019								
3745702.05	0.00311	0.00201	0.00144	0.00096	0.00061	0.00039	0.00028	0.00021
0.00017								
3745574.38	0.00228	0.00148	0.00100	0.00070	0.00050	0.00035	0.00025	0.00019
0.00016								
3745446.71	0.00163	0.00118	0.00079	0.00054	0.00038	0.00028	0.00022	0.00017
0.00014								
3745319.04	0.00116	0.00090	0.00063	0.00043	0.00031	0.00023	0.00018	0.00015
0.00013								
3745191.37	0.00080	0.00064	0.00048	0.00034	0.00025	0.00019	0.00015	0.00013
0.00011								
3745063.70	0.00053	0.00044	0.00035	0.00026	0.00020	0.00016	0.00013	0.00011
0.00010								
3744936.03	0.00036	0.00031	0.00025	0.00020	0.00016	0.00013	0.00011	0.00010
0.00009								
3744808.36	0.00025	0.00022	0.00019	0.00016	0.00013	0.00011	0.00010	0.00009
0.00008								

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** *** 16:27:29

PAGE 25

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004
3747744.77	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00004
3747617.10	0.00007	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005
3747489.43	0.00012	0.00009	0.00007	0.00007	0.00006	0.00006	0.00005
3747361.76	0.00015	0.00010	0.00008	0.00007	0.00006	0.00006	0.00006
3747234.09	0.00017	0.00011	0.00009	0.00008	0.00007	0.00006	0.00006
3747106.42	0.00017	0.00011	0.00009	0.00008	0.00007	0.00007	0.00006
3746978.75	0.00016	0.00011	0.00010	0.00009	0.00008	0.00007	0.00007
3746851.08	0.00016	0.00012	0.00010	0.00009	0.00008	0.00007	0.00007
3746723.41	0.00017	0.00012	0.00010	0.00009	0.00008	0.00008	0.00007
3746595.74	0.00018	0.00013	0.00011	0.00010	0.00009	0.00008	0.00007
3746468.07	0.00019	0.00013	0.00011	0.00010	0.00009	0.00008	0.00007
3746340.40	0.00019	0.00014	0.00012	0.00010	0.00009	0.00008	0.00007

3746212.73	0.00020	0.00014	0.00012	0.00010	0.00009	0.00008	0.00007
3746085.06	0.00021	0.00014	0.00012	0.00010	0.00009	0.00008	0.00007
3745957.39	0.00021	0.00014	0.00012	0.00010	0.00009	0.00008	0.00007
3745829.72	0.00016	0.00013	0.00011	0.00010	0.00009	0.00008	0.00007
3745702.05	0.00015	0.00012	0.00011	0.00010	0.00008	0.00008	0.00007
3745574.38	0.00013	0.00012	0.00010	0.00009	0.00008	0.00007	0.00007
3745446.71	0.00012	0.00011	0.00010	0.00009	0.00008	0.00007	0.00006
3745319.04	0.00011	0.00010	0.00009	0.00008	0.00007	0.00007	0.00006
3745191.37	0.00010	0.00009	0.00008	0.00007	0.00007	0.00006	0.00006
3745063.70	0.00009	0.00008	0.00007	0.00007	0.00006	0.00006	0.00005
3744936.03	0.00008	0.00007	0.00007	0.00006	0.00006	0.00005	0.00005
3744808.36	0.00007	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 26

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
377157.27	3745932.86	0.00243	377175.10	3745925.76	0.00257
377190.51	3745923.94	0.00280	377202.87	3745925.76	0.00294
377221.11	3745927.18	0.00305	377235.71	3745925.36	0.00325
377246.45	3745921.91	0.00341	377264.08	3745921.71	0.00370
377280.50	3745921.71	0.00410	377293.87	3745920.49	0.00453
377310.90	3745922.12	0.00542	377325.29	3745926.58	0.00591
377343.94	3745923.33	0.00675	377358.73	3745923.33	0.00720
377371.41	3745922.05	0.00754	377385.69	3745925.97	0.00741
377143.82	3745984.97	0.00199	377157.60	3745985.38	0.00202
377187.60	3745984.97	0.00216	377216.78	3745985.17	0.00233
377248.81	3745983.15	0.00263	377279.62	3745983.75	0.00294
377322.22	3745982.87	0.00351	377369.00	3745982.34	0.00442
377097.47	3745290.81	0.00074	377139.52	3745293.09	0.00081
377174.87	3745293.09	0.00087	377235.18	3745291.69	0.00097
377299.15	3745287.76	0.00108	377328.61	3745289.45	0.00114
377359.26	3745291.56	0.00120	377429.46	3745982.41	0.00503
377469.41	3745980.43	0.00523	377500.10	3745981.42	0.00510
377531.46	3745980.10	0.00503	377567.44	3745977.46	0.00492
377600.12	3745978.12	0.00479	377627.85	3745979.11	0.00457
377705.42	3745979.77	0.00375	377734.46	3745977.79	0.00342

377780.02	3745980.43	0.00286	377812.36	3745978.12	0.00255
377856.60	3745976.14	0.00216	377895.22	3745974.49	0.00188
377735.45	3745941.48	0.00367	377814.34	3745942.47	0.00261
377773.41	3745936.53	0.00308	377671.09	3745939.83	0.00498
377634.45	3745937.52	0.00597	377585.60	3745941.48	0.00702
377572.06	3745940.16	0.00813	377525.85	3745939.17	0.00870
378905.23	3745961.79	0.00021	378905.83	3745921.75	0.00019
378887.76	3745843.80	0.00017	378641.43	3747296.68	0.00025
377346.58	3745857.72	0.01003	377222.46	3745780.01	0.00395
377185.56	3745779.45	0.00321	377106.17	3745766.03	0.00264
377287.74	3745779.61	0.00480	377219.40	3745700.53	0.00321
377324.76	3745779.63	0.00611	377192.94	3745640.24	0.00291
377124.96	3745640.98	0.00254	378120.32	3747249.55	0.00075
378202.24	3747250.48	0.00070	378283.22	3747245.36	0.00080
378353.96	3747250.48	0.00065	377139.67	3747283.77	0.00024
377095.91	3747263.29	0.00023	377275.61	3747264.69	0.00059
377055.41	3747263.76	0.00018	378778.32	3747485.22	0.00010
378755.45	3747460.34	0.00010	378781.01	3747528.93	0.00009

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 27

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

, A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

, A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

, A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)				
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99

3747872.4	0.00051 (12022524)	0.00055 (15010808)	0.00060 (14010307)	0.00066 (13101307)	0.00069
(12021520)					
3747744.8	0.00056 (15011007)	0.00058 (12022524)	0.00065 (15010808)	0.00072 (13101307)	0.00077
(13101307)					
3747617.1	0.00057 (16021403)	0.00062 (12022524)	0.00069 (15010808)	0.00078 (13101307)	0.00088
(13101307)					
3747489.4	0.00061 (16021403)	0.00066 (15120924)	0.00074 (15010808)	0.00086 (15010808)	0.00103
(13101307)					
3747361.8	0.00065 (12010904)	0.00072 (16021403)	0.00082 (12022524)	0.00098 (15010808)	0.00123
(13101307)					
3747234.1	0.00071 (12010904)	0.00080 (16021403)	0.00092 (15120924)	0.00113 (15010808)	0.00151
(14010307)					

3747106.4 (15010808)	0.00082 (15011923)	0.00097 (12010904)	0.00113 (16021403)	0.00142 (12050502)	0.00198
3746978.8 (13051206)	0.00087 (16120401)	0.00109 (15011923)	0.00142 (16021403)	0.00192 (16111222)	0.00273
3746851.1 (15111903)	0.00103 (16120401)	0.00136 (16101723)	0.00195 (16040822)	0.00287 (16021403)	0.00402
3746723.4 (15081303)	0.00131 (12123108)	0.00183 (15042404)	0.00275 (16101723)	0.00417 (15012107)	0.00621
3746595.7 (16041723)	0.00182 (14010708)	0.00256 (12123108)	0.00391 (12032803)	0.00618 (14042724)	0.00908
3746468.1 (12091422)	0.00219 (15042306)	0.00345 (16031006)	0.00559 (12123108)	0.00856 (14042401)	0.01317
3746340.4 (14042401)	0.00280 (16111206)	0.00463 (16101305)	0.00739 (15112406)	0.01182 (13030121)	0.01717
3746212.7 (15092101)	0.00375 (16042105)	0.00572 (12022406)	0.00935 (16111206)	0.01473 (12101721)	0.02161
3746085.1 (16111206)	0.00392 (15010721)	0.00698 (15010721)	0.01137 (14091405)	0.01745 (12071905)	0.02481
3745957.4 (15110101)	0.00385 (16110405)	0.00727 (16020720)	0.01221 (16111422)	0.01915 (12010622)	0.02824
3745829.7 (14051501)	0.00501 (12052724)	0.00842 (12052724)	0.01456 (12052724)	0.02346 (14051501)	0.03543
3745702.0 (15112020)	0.00517 (13092805)	0.00862 (15102406)	0.01335 (15022501)	0.02128 (16041803)	0.02957
3745574.4 (15101206)	0.00479 (16041803)	0.00763 (13111705)	0.01202 (14083101)	0.01793 (16040206)	0.02561
3745446.7 (13100404)	0.00384 (16100823)	0.00618 (16040206)	0.00976 (12082004)	0.01489 (13091506)	0.02119
3745319.0 (16100723)	0.00309 (12111305)	0.00489 (15102702)	0.00790 (14092903)	0.01159 (13100404)	0.01737
3745191.4 (16110224)	0.00265 (16102205)	0.00427 (15102602)	0.00611 (14040723)	0.00919 (14050304)	0.01310
3745063.7 (15072503)	0.00245 (15012420)	0.00341 (14040723)	0.00500 (13071504)	0.00680 (15072505)	0.00982
3744936.0 (16092023)	0.00220 (13121521)	0.00282 (16082103)	0.00373 (14072501)	0.00527 (14102203)	0.00676
3744808.4 (16022501)	0.00168 (14111306)	0.00205 (16100602)	0.00259 (14102203)	0.00334 (13092401)	0.00456

*** AERMOD - VERSION 23132 ***

C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc

09/20/24

*** AERMET - VERSION 16216 ***

16:27:29

PAGE 28

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S):

A0000153 , A0000154 , A0000155 , A0000156 , A0000157 ,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165 ,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173 ,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)				
	377075.04	377216.09	377357.14	377498.19	377639.24

3747872.4 (15030507)	0.00071 (13020603)	0.00074 (16021402)	0.00073 (15123023)	0.00092 (14032206)	0.00068
3747744.8 (15030507)	0.00081 (13020603)	0.00084 (16021402)	0.00083 (15123023)	0.00078 (15042503)	0.00076
3747617.1 (15030507)	0.00095 (12021520)	0.00098 (16021402)	0.00095 (15123023)	0.00088 (15042503)	0.00085
3747489.4 (15030507)	0.00117 (12021520)	0.00120 (14120908)	0.00114 (15123023)	0.00106 (15123023)	0.00101
3747361.8 (15022202)	0.00157 (12021520)	0.00168 (14120908)	0.00151 (15123023)	0.00147 (15123023)	0.00138
3747234.1 (13101207)	0.00243 (13101307)	0.00495 (14112808)	0.00516 (13101207)	0.00529 (13101207)	0.00532
3747106.4 (16061904)	0.00634 (13101307)	0.00189 (15011704)	0.00195 (13112221)	0.00183 (15123023)	0.00165
3746978.8 (15022202)	0.00606 (13101307)	0.00309 (15011704)	0.00313 (13112221)	0.00302 (15101923)	0.00253
3746851.1 (15091024)	0.00685 (15031221)	0.00533 (13081405)	0.00540 (13112221)	0.00490 (15101923)	0.00396
3746723.4 (13081105)	0.00929 (16111522)	0.00900 (16042102)	0.00897 (13033104)	0.00786 (15101923)	0.00664
3746595.7 (13081105)	0.01314 (13051222)	0.01398 (13100521)	0.01435 (12093022)	0.01147 (15101923)	0.01082
3746468.1 (15101022)	0.01836 (15081303)	0.02108 (15092705)	0.02049 (13091504)	0.01671 (12091423)	0.01635
3746340.4 (14030922)	0.02363 (16040822)	0.02900 (13051222)	0.03135 (16083002)	0.02171 (12091423)	0.02317
3746212.7 (12100222)	0.02921 (12082903)	0.03832 (16021121)	0.04209 (13100521)	0.02306 (14082605)	0.03139
3746085.1 (12100424)	0.03443 (12091605)	0.04549 (12082903)	0.05529 (12100823)	0.03277 (15101022)	0.04156
3745957.4 (15092701)	0.03772 (14091405)	0.05021 (12071905)	0.08013 (16021021)	0.05155 (12101506)	0.05777
3745829.7 (12091601)	0.04572 (14050306)	0.05397 (12092205)	0.05201 (12101501)	0.06381 (14021501)	0.05650
3745702.0 (14051504)	0.03839 (12092404)	0.04960 (15090602)	0.07446 (15091106)	0.09031 (14042920)	0.05444
3745574.4 (14050102)	0.03532 (16092323)	0.04580 (16101003)	0.06580 (12102703)	0.07348 (14042920)	0.04706
3745446.7 (12082002)	0.02914 (13051503)	0.03890 (15091106)	0.05432 (14072004)	0.05960 (13091606)	0.04179
3745319.0 (12091523)	0.02457 (16062001)	0.03287 (15092804)	0.04181 (12092124)	0.04564 (14101802)	0.03126
3745191.4 (15100803)	0.01788 (16092023)	0.02348 (16100824)	0.03017 (15091302)	0.03261 (15100802)	0.02537
3745063.7 (12091524)	0.01372 (16022501)	0.01827 (16101006)	0.02058 (14102321)	0.02201 (15100802)	0.01715

3744936.0 | 0.00912 (15082502) 0.01224 (14100704) 0.01367 (15102502) 0.01410 (14090903) 0.01100
(13091602)
3744808.4 | 0.00560 (14102823) 0.00744 (12101621) 0.00838 (15102502) 0.00849 (14090903) 0.00668
(13071503)

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** ** 16:27:29

PAGE 29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD	X-COORD (METERS)				
(METERS)	377780.29	377921.34	378062.39	378203.44	378344.49

3747872.4	0.00067 (15030507)	0.00066 (12051406)	0.00064 (12051406)	0.00063 (16120302)	0.00060
(16120302)					
3747744.8	0.00087 (15030507)	0.00073 (12051406)	0.00071 (12051406)	0.00069 (16120302)	0.00066
(13121708)					
3747617.1	0.00083 (12051406)	0.00082 (12051406)	0.00088 (16120302)	0.00106 (16120302)	0.00075
(13121708)					
3747489.4	0.00099 (15030507)	0.00098 (12051406)	0.00095 (12051406)	0.00090 (13121708)	0.00089
(12021308)					
3747361.8	0.00135 (15030507)	0.00133 (12051406)	0.00128 (12051406)	0.00122 (13121708)	0.00121
(12021308)					
3747234.1	0.00533 (13101207)	0.00523 (13101207)	0.00515 (12101504)	0.00515 (13010908)	0.00496
(13010908)					
3747106.4	0.00143 (13030501)	0.00126 (13030704)	0.00127 (13122504)	0.00104 (13071506)	0.00104
(13071506)					
3746978.8	0.00232 (13062801)	0.00190 (13102407)	0.00159 (13110422)	0.00122 (14021906)	0.00094
(14022323)					
3746851.1	0.00381 (15012524)	0.00326 (14022601)	0.00248 (16021104)	0.00178 (12031123)	0.00128
(16010922)					
3746723.4	0.00609 (16102222)	0.00517 (13110422)	0.00383 (15042305)	0.00268 (15010904)	0.00177
(14021320)					
3746595.7	0.01011 (14030922)	0.00784 (16121204)	0.00583 (12101322)	0.00393 (12053102)	0.00254
(16012224)					
3746468.1	0.01529 (12100222)	0.01178 (12090103)	0.00842 (12053102)	0.00565 (14053024)	0.00343
(14060405)					
3746340.4	0.02175 (16040923)	0.01659 (14073022)	0.01154 (16061803)	0.00748 (14021206)	0.00456
(16111506)					

3746212.7 (14051505)	0.02838 (14021901)	0.02174 (15102507)	0.01516 (13062201)	0.00966 (15101005)	0.00570
3746085.1 (13051101)	0.03521 (14121021)	0.02660 (15101005)	0.01800 (13082924)	0.01126 (14101624)	0.00646
3745957.4 (14073105)	0.04182 (12112302)	0.02946 (15031521)	0.01996 (16090704)	0.01243 (14073105)	0.00743
3745829.7 (15120623)	0.04072 (13100520)	0.02745 (12102619)	0.01628 (13083002)	0.00915 (13090703)	0.00480
3745702.0 (16010824)	0.03869 (14011919)	0.02774 (14051301)	0.01889 (14101623)	0.00986 (14100402)	0.00528
3745574.4 (16092603)	0.03502 (14082404)	0.02474 (12091421)	0.01682 (13061905)	0.01020 (12071103)	0.00613
3745446.7 (14021706)	0.02997 (14043006)	0.02072 (14091705)	0.01442 (14090905)	0.00879 (16091703)	0.00525
3745319.0 (15011908)	0.02368 (12101724)	0.01667 (16102022)	0.01086 (14091705)	0.00711 (13090704)	0.00409
3745191.4 (12121921)	0.01853 (14080804)	0.01308 (15091201)	0.00839 (15092624)	0.00508 (14121502)	0.00321
3745063.7 (15122022)	0.01262 (14092603)	0.00854 (12101724)	0.00554 (14011523)	0.00377 (16012606)	0.00228
3744936.0 (16020505)	0.00796 (13091103)	0.00583 (14080804)	0.00409 (13012606)	0.00251 (13022307)	0.00173
3744808.4 (15111706)	0.00508 (15082903)	0.00407 (14070803)	0.00269 (15113024)	0.00184 (13121001)	0.00125

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** *** *** 16:27:29

PAGE 30

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165

,

A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173

,

A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

Y-COORD (METERS)	X-COORD (METERS)				
	378485.54	378626.59	378767.64	378908.69	379049.74

3747872.4 (16013024)	0.00059 (13121708)	0.00058 (12021308)	0.00057 (12021308)	0.00054 (12021308)	0.00049
3747744.8 (14122008)	0.00065 (12021308)	0.00064 (12021308)	0.00062 (12021308)	0.00057 (12021308)	0.00053
3747617.1 (14122008)	0.00074 (12021308)	0.00073 (12021308)	0.00069 (12021308)	0.00062 (14122008)	0.00058

3747489.4 (13123108)	0.00091 (12031123)	0.00086 (12021308)	0.00079 (12021308)	0.00079 (14102405)	0.00066
3747361.8 (13010908)	0.00119 (12021308)	0.00115 (12021308)	0.00100 (13123108)	0.00091 (13010908)	0.00064
3747234.1 (16102207)	0.00484 (13010908)	0.00469 (13010908)	0.00142 (16102207)	0.00097 (16102207)	0.00067
3747106.4 (13010308)	0.00104 (13071506)	0.00104 (13071506)	0.00097 (13071506)	0.00089 (16100807)	0.00064
3746978.8 (13071506)	0.00076 (16010922)	0.00069 (13071506)	0.00068 (13071506)	0.00081 (13071506)	0.00059
3746851.1 (13071506)	0.00092 (14021320)	0.00074 (13030502)	0.00061 (15120806)	0.00071 (13071506)	0.00055
3746723.4 (16120207)	0.00122 (13030502)	0.00088 (15120806)	0.00068 (14021206)	0.00072 (16120207)	0.00058
3746595.7 (16120207)	0.00159 (15120806)	0.00107 (14021206)	0.00078 (16120207)	0.00080 (16120207)	0.00060
3746468.1 (16122506)	0.00205 (12092901)	0.00134 (16120207)	0.00090 (16120207)	0.00084 (13112805)	0.00066
3746340.4 (14122704)	0.00266 (16120301)	0.00160 (13112805)	0.00107 (16122506)	0.00093 (14122704)	0.00068
3746212.7 (12010306)	0.00326 (13022223)	0.00186 (12032023)	0.00116 (13031023)	0.00095 (12010306)	0.00070
3746085.1 (16121907)	0.00363 (12112304)	0.00204 (14012503)	0.00127 (16121907)	0.00104 (16121907)	0.00076
3745957.4 (15011707)	0.00429 (13041905)	0.00255 (13041905)	0.00164 (13041905)	0.00106 (13041905)	0.00072
3745829.7 (15112607)	0.00250 (16020502)	0.00144 (14112606)	0.00098 (16012808)	0.00077 (16012808)	0.00066
3745702.0 (15111807)	0.00284 (16010824)	0.00162 (12050406)	0.00105 (15111807)	0.00078 (15111807)	0.00065
3745574.4 (13010701)	0.00341 (13081805)	0.00186 (14110504)	0.00101 (12022204)	0.00076 (13010701)	0.00063
3745446.7 (12022204)	0.00295 (13010301)	0.00171 (14011508)	0.00109 (12022224)	0.00079 (12022204)	0.00063
3745319.0 (15113007)	0.00247 (15112801)	0.00149 (16011306)	0.00098 (13010301)	0.00075 (15113007)	0.00062
3745191.4 (13010301)	0.00190 (15111806)	0.00124 (12020406)	0.00087 (15011403)	0.00068 (16011306)	0.00058
3745063.7 (15011403)	0.00151 (16011307)	0.00102 (16012823)	0.00076 (15011908)	0.00063 (12020406)	0.00055
3744936.0 (12020406)	0.00115 (12010107)	0.00087 (14122807)	0.00069 (13123002)	0.00059 (16020607)	0.00053
3744808.4 (13123002)	0.00094 (16020505)	0.00074 (12010107)	0.00064 (14122807)	0.00056 (14122807)	0.00050

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 31

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
*** INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157

,

A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)				
	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.4 (14021206)	0.00047 (14122008)	0.00044 (14122008)	0.00040 (14122008)	0.00037 (15120806)	0.00034
3747744.8 (14021206)	0.00050 (14122008)	0.00045 (14122008)	0.00040 (14021206)	0.00037 (14021206)	0.00035
3747617.1 (13123108)	0.00051 (14122008)	0.00045 (14102405)	0.00041 (14021206)	0.00037 (13123108)	0.00034
3747489.4 (13010908)	0.00053 (13123108)	0.00046 (13010908)	0.00041 (13010908)	0.00038 (13010908)	0.00034
3747361.8 (13061305)	0.00053 (14100403)	0.00046 (12091806)	0.00040 (14030803)	0.00036 (13010908)	0.00042
3747234.1 (16120207)	0.00054 (16102207)	0.00046 (16102207)	0.00041 (16102207)	0.00036 (12101504)	0.00034
3747106.4 (16120207)	0.00052 (13083105)	0.00045 (13083105)	0.00040 (13083105)	0.00037 (16120207)	0.00035
3746978.8 (16120207)	0.00049 (16100807)	0.00043 (16100807)	0.00040 (16120207)	0.00038 (16120207)	0.00035
3746851.1 (16122506)	0.00049 (16120207)	0.00045 (16120207)	0.00042 (16120207)	0.00038 (16122506)	0.00037
3746723.4 (16122506)	0.00052 (16120207)	0.00046 (16120207)	0.00043 (16122506)	0.00041 (16122506)	0.00038
3746595.7 (14122704)	0.00054 (16122506)	0.00050 (16122506)	0.00045 (16122506)	0.00042 (16122506)	0.00038
3746468.1 (12010306)	0.00057 (16122506)	0.00051 (16122506)	0.00046 (14122704)	0.00041 (14122704)	0.00038
3746340.4 (16121907)	0.00057 (14122704)	0.00051 (12010306)	0.00046 (12010306)	0.00043 (16121907)	0.00040
3746212.7 (16121907)	0.00060 (16121907)	0.00054 (16121907)	0.00049 (16121907)	0.00044 (16121907)	0.00041
3746085.1 (13010206)	0.00063 (16121907)	0.00054 (16121907)	0.00049 (14122606)	0.00044 (13010206)	0.00041
3745957.4 (13010206)	0.00061 (13010206)	0.00054 (13010206)	0.00049 (13010206)	0.00044 (13010206)	0.00040
3745829.7 (15112607)	0.00058 (15112607)	0.00052 (15112607)	0.00047 (15112607)	0.00043 (15112607)	0.00039
3745702.0 (15112607)	0.00057 (15111807)	0.00051 (15112607)	0.00047 (15112607)	0.00043 (15112607)	0.00040
3745574.4 (13010701)	0.00056 (13010701)	0.00051 (13010701)	0.00046 (13010701)	0.00042 (13010701)	0.00039
3745446.7 (13010701)	0.00054 (12022204)	0.00049 (13011701)	0.00045 (13010701)	0.00041 (13010701)	0.00038

3745319.0 (13011701)	0.00054 (15113007)	0.00048 (15113007)	0.00044 (13011701)	0.00041 (13011701)	0.00038
3745191.4 (15113007)	0.00052 (15113007)	0.00048 (15113007)	0.00044 (15113007)	0.00040 (15113007)	0.00037
3745063.7 (15113007)	0.00049 (15011403)	0.00045 (13010301)	0.00042 (13010301)	0.00039 (15113007)	0.00037
3744936.0 (13010301)	0.00048 (12020406)	0.00044 (15011403)	0.00041 (15011403)	0.00038 (13010301)	0.00035
3744808.4 (15011403)	0.00045 (16020607)	0.00042 (12020406)	0.00039 (12020406)	0.00037 (15011403)	0.00034

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24
*** AERMET - VERSION 16216 *** *** 16:27:29

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

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): A0000153 , A0000154 , A0000155 , A0000156 , A0000157
,
A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165
,
A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173
,
A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M) CONC (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
377157.27	3745932.86	0.04364 (14091405)	377175.10	3745925.76	0.04499 (14091405)
377190.51	3745923.94	0.04705 (14091405)	377202.87	3745925.76	0.04934 (14091405)
377221.11	3745927.18	0.05230 (14091405)	377235.71	3745925.36	0.05448 (14091405)
377246.45	3745921.91	0.05621 (14091405)	377264.08	3745921.71	0.05907 (14091405)
377280.50	3745921.71	0.06217 (12071905)	377293.87	3745920.49	0.06559 (12071905)
377310.90	3745922.12	0.07533 (13012108)	377325.29	3745926.58	0.08120 (12123105)
377343.94	3745923.33	0.08037 (13122802)	377358.73	3745923.33	0.07696 (13122802)
377371.41	3745922.05	0.06456 (12092907)	377385.69	3745925.97	0.06681 (13051305)
377143.82	3745984.97	0.04167 (12071905)	377157.60	3745985.38	0.04263 (13101822)
377187.60	3745984.97	0.04640 (13012108)	377216.78	3745985.17	0.05075 (12101721)
377248.81	3745983.15	0.05523 (12101721)	377279.62	3745983.75	0.06000 (16021021)
377322.22	3745982.87	0.06611 (13051305)	377369.00	3745982.34	0.07554 (13122119)
377097.47	3745290.81	0.02361 (12100602)	377139.52	3745293.09	0.02531 (15091106)
377174.87	3745293.09	0.02932 (16022501)	377235.18	3745291.69	0.03099 (12092504)
377299.15	3745287.76	0.03779 (13050224)	377328.61	3745289.45	0.03844 (14072004)
377359.26	3745291.56	0.03932 (15091302)	377429.46	3745982.41	0.07597 (14010302)
377469.41	3745980.43	0.06269 (14011304)	377500.10	3745981.42	0.06022 (12012919)
377531.46	3745980.10	0.05940 (12091506)	377567.44	3745977.46	0.06086 (15101003)
377600.12	3745978.12	0.05765 (14100306)	377627.85	3745979.11	0.05507 (14121021)
377705.42	3745979.77	0.04844 (15101005)	377734.46	3745977.79	0.04592 (12091003)
377780.02	3745980.43	0.04169 (13082924)	377812.36	3745978.12	0.03817 (13082924)

377856.60	3745976.14	0.03424	(14101624)	377895.22	3745974.49	0.03075	(15012419)
377735.45	3745941.48	0.04631	(12112302)	377814.34	3745942.47	0.03848	(15031521)
377773.41	3745936.53	0.04233	(16111103)	377671.09	3745939.83	0.05496	(13082924)
377634.45	3745937.52	0.05957	(14081705)	377585.60	3745941.48	0.06677	(12091501)
377572.06	3745940.16	0.07060	(12091501)	377525.85	3745939.17	0.06036	(16042004)
378905.23	3745961.79	0.00110	(13041905)	378905.83	3745921.75	0.00094	(13041905)
378887.76	3745843.80	0.00080	(16012808)	378641.43	3747296.68	0.00158	(12021308)
377346.58	3745857.72	0.05315	(12101622)	377222.46	3745780.01	0.05400	(16110401)
377185.56	3745779.45	0.04929	(15112020)	377106.17	3745766.03	0.04236	(16102201)
377287.74	3745779.61	0.06312	(13100701)	377219.40	3745700.53	0.04962	(15090602)
377324.76	3745779.63	0.09145	(12092904)	377192.94	3745640.24	0.04713	(15092102)
377124.96	3745640.98	0.04057	(13091506)	378120.32	3747249.55	0.00347	(12051406)
378202.24	3747250.48	0.00328	(12021308)	378283.22	3747245.36	0.00367	(12021308)
378353.96	3747250.48	0.00312	(12021308)	377139.67	3747283.77	0.00269	(13121718)
377095.91	3747263.29	0.00238	(13101307)	377275.61	3747264.69	0.00325	(13121718)
377055.41	3747263.76	0.00201	(13101307)	378778.32	3747485.22	0.00078	(12021308)
378755.45	3747460.34	0.00083	(12021308)	378781.01	3747528.93	0.00074	(12021308)

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 33

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

NETWORK

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

ALL	1ST HIGHEST VALUE IS	0.01088 AT (377498.19, 3745829.72, 21.70, 21.70, 0.00) GC
UCART1		
	2ND HIGHEST VALUE IS	0.01003 AT (377346.58, 3745857.72, 21.42, 21.42, 0.00) DC
	3RD HIGHEST VALUE IS	0.00870 AT (377525.85, 3745939.17, 20.60, 20.60, 0.00) DC
	4TH HIGHEST VALUE IS	0.00855 AT (377357.14, 3745829.72, 21.40, 21.40, 0.00) GC UCART1
	5TH HIGHEST VALUE IS	0.00813 AT (377572.06, 3745940.16, 20.64, 20.64, 0.00) DC
	6TH HIGHEST VALUE IS	0.00754 AT (377371.41, 3745922.05, 20.96, 20.96, 0.00) DC
	7TH HIGHEST VALUE IS	0.00741 AT (377385.69, 3745925.97, 20.78, 20.78, 0.00) DC
	8TH HIGHEST VALUE IS	0.00720 AT (377358.73, 3745923.33, 21.05, 21.05, 0.00) DC
	9TH HIGHEST VALUE IS	0.00702 AT (377585.60, 3745941.48, 20.66, 20.66, 0.00) DC
	10TH HIGHEST VALUE IS	0.00682 AT (377498.19, 3745957.39, 20.60, 20.60, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 16:27:29

PAGE 34

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

ALL HIGH 1ST HIGH VALUE IS 0.09145 ON 12092904: AT (377324.76, 3745779.63, 22.14, 22.14, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Op_Cumulative\24_007_Op_Cumulative.isc *** 09/20/24

*** AERMET - VERSION 16216 *** ** 16:27:29

PAGE 35

*** 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 20 Warning Message(s)
A Total of 1474 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1223 Calm Hours Identified

A Total of 251 Missing Hours Identified (0.57 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

SO W320	467	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	468	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	469	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	470	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	471	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	472	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	473	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	474	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS

SO W320	522	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	523	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	524	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	525	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	526	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	527	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	528	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	529	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	530	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	531	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	1188	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1188	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** AERMOD Finishes Successfully ***

APPENDIX B.4 – AERMOD MITIGATED CONSTRUCTION MODEL OUTPUT

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 9/20/2024
** File: C:\Lakes\AERMOD View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit
  MODELOPT CONC FASTALL
  AVERTIME 1 PERIOD
  URBANOPT 9700000 LA_County_Population
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 24_007_Torrance_Con_Mit.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1   AREAPOLY  377149.374  3745950.466    21.780
** DESCRSRC Project Area Source
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS1
** DESCRSRC Offsite 1: W 205th St > Del Amo Blvd > Fwy Junction
** PREFIX
** Length of Side = 16.00
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 7.0486E-11
** Nodes = 16
** 377203.898, 3745805.662, 22.12, 2.64
** 377207.528, 3745795.289, 22.21, 2.64
** 377206.750, 3745623.886, 22.42, 2.64
** 377062.315, 3745625.182, 22.42, 2.64
** 377063.310, 3745973.570, 21.61, 2.64
** 377080.178, 3745969.263, 21.53, 2.64
** 377130.067, 3745962.444, 21.47, 2.64

```

** 377381.661, 3745961.726, 20.76, 2.64
** 378079.152, 3745955.485, 16.81, 2.64
** 378866.443, 3745947.751, 16.33, 2.64
** 378868.093, 3745946.926, 16.33, 2.64
** 378869.804, 3746564.065, 18.64, 2.64
** 378869.804, 3746861.885, 18.08, 2.64
** 378871.486, 3747127.736, 17.76, 2.64
** 378872.328, 3747152.134, 17.54, 2.64
** 378887.471, 3747223.645, 17.57, 2.64

** -----
LOCATION A0000153 AREA 377196.347 3745803.019 22.12
LOCATION A0000154 AREA 377199.528 3745795.325 22.22
LOCATION A0000155 AREA 377199.139 3745709.624 22.09
LOCATION A0000156 AREA 377206.822 3745631.885 22.45
LOCATION A0000157 AREA 377070.315 3745625.159 22.42
LOCATION A0000158 AREA 377070.647 3745741.289 22.18
LOCATION A0000159 AREA 377070.978 3745857.418 21.96
LOCATION A0000160 AREA 377061.331 3745965.819 21.63
LOCATION A0000161 AREA 377079.095 3745961.337 21.54
LOCATION A0000162 AREA 377130.044 3745954.444 21.66
LOCATION A0000163 AREA 377255.841 3745954.085 21.10
LOCATION A0000164 AREA 377381.590 3745953.727 20.74
LOCATION A0000165 AREA 377521.088 3745952.478 20.59
LOCATION A0000166 AREA 377660.586 3745951.230 20.45
LOCATION A0000167 AREA 377800.084 3745949.982 18.61
LOCATION A0000168 AREA 377939.582 3745948.733 16.21
LOCATION A0000169 AREA 378079.073 3745947.485 16.64
LOCATION A0000170 AREA 378236.532 3745945.938 15.54
LOCATION A0000171 AREA 378393.990 3745944.391 15.20
LOCATION A0000172 AREA 378551.448 3745942.845 15.71
LOCATION A0000173 AREA 378708.907 3745941.298 17.61
LOCATION A0000174 AREA 378862.866 3745940.595 16.38
LOCATION A0000175 AREA 378876.093 3745946.903 16.23
LOCATION A0000176 AREA 378876.521 3746101.188 16.94
LOCATION A0000177 AREA 378876.949 3746255.473 17.56
LOCATION A0000178 AREA 378877.376 3746409.758 18.64
LOCATION A0000179 AREA 378877.804 3746564.065 18.55
LOCATION A0000180 AREA 378877.804 3746712.975 18.08
LOCATION A0000181 AREA 378877.804 3746861.835 17.81
LOCATION A0000182 AREA 378878.645 3746994.760 17.73
LOCATION A0000183 AREA 378879.482 3747127.461 17.58
LOCATION A0000184 AREA 378880.154 3747150.477 17.58

** End of LINE AREA Source ID = OFFS1

** -----

** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS2
** DESCRSRC Offsite 2: SR-213 > 405 East
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.3146E-11
** Nodes = 10
** 378887.102, 3747225.922, 17.52, 2.64

```

** 378686.110, 3747226.439, 18.30, 2.64
** 378685.594, 3747287.408, 19.19, 2.64
** 378687.660, 3747329.260, 20.37, 2.64
** 378695.927, 3747354.577, 21.37, 2.64
** 378712.461, 3747372.145, 20.90, 2.64
** 378735.712, 3747381.445, 23.00, 2.64
** 378753.280, 3747382.995, 23.35, 2.64
** 378816.316, 3747377.828, 18.13, 2.64
** 378902.602, 3747371.628, 17.70, 2.64
** -----
LOCATION A0000185 AREA 378887.114 3747230.672 17.52
LOCATION A0000186 AREA 378820.117 3747230.845 17.77
LOCATION A0000187 AREA 378753.120 3747231.017 18.13
LOCATION A0000188 AREA 378690.860 3747226.479 18.33
LOCATION A0000189 AREA 378690.338 3747287.174 19.07
LOCATION A0000190 AREA 378692.176 3747327.785 19.61
LOCATION A0000191 AREA 378699.386 3747351.322 21.10
LOCATION A0000192 AREA 378714.226 3747367.735 21.43
LOCATION A0000193 AREA 378736.130 3747376.714 21.18
LOCATION A0000194 AREA 378752.892 3747378.261 21.54
LOCATION A0000195 AREA 378815.975 3747373.091 20.95
** End of LINE AREA Source ID = OFFS2
** -----
** Line Source Represented by Area Sources
** LINE AREA Source ID = OFFS3
** DESCRSRC Offsite 3: SR-213 > 405 West
** PREFIX
** Length of Side = 9.50
** Ratio = 10
** Vertical Dimension = 2.46
** Emission Rate = 5.3129E-11
** Nodes = 18
** 378886.585, 3747226.956, 17.52, 2.64
** 378896.919, 3747259.507, 17.40, 2.64
** 378900.019, 3747279.141, 17.29, 2.64
** 378898.986, 3747366.461, 17.62, 2.64
** 378900.019, 3747500.800, 17.02, 2.64
** 378957.371, 3747499.767, 17.77, 2.64
** 378993.539, 3747495.633, 18.03, 2.64
** 379009.557, 3747487.366, 19.25, 2.64
** 379018.857, 3747475.482, 19.53, 2.64
** 379024.541, 3747464.632, 19.05, 2.64
** 379025.057, 3747453.265, 19.41, 2.64
** 379025.057, 3747443.448, 19.60, 2.64
** 379017.307, 3747427.947, 22.43, 2.64
** 379005.423, 3747417.097, 22.24, 2.64
** 378981.656, 3747409.346, 21.14, 2.64
** 378954.271, 3747404.179, 23.77, 2.64
** 378916.553, 3747405.729, 18.85, 2.64
** 378906.219, 3747406.246, 17.39, 2.64
** -----
LOCATION A0000196 AREA 378891.112 3747225.518 17.52
LOCATION A0000197 AREA 378901.611 3747258.766 17.36
LOCATION A0000198 AREA 378904.769 3747279.197 17.30

```

LOCATION A0000199	AREA	378903.735	3747366.425	17.26
LOCATION A0000200	AREA	378904.252	3747433.594	17.18
LOCATION A0000201	AREA	378899.933	3747496.051	17.15
LOCATION A0000202	AREA	378956.832	3747495.047	17.70
LOCATION A0000203	AREA	378991.361	3747491.412	18.03
LOCATION A0000204	AREA	379005.816	3747484.439	18.76
LOCATION A0000205	AREA	379014.649	3747473.278	19.35
LOCATION A0000206	AREA	379019.795	3747464.416	19.29
LOCATION A0000207	AREA	379020.307	3747453.265	19.14
LOCATION A0000208	AREA	379020.809	3747445.572	19.49
LOCATION A0000209	AREA	379014.104	3747431.455	20.81
LOCATION A0000210	AREA	379003.951	3747421.613	21.52
LOCATION A0000211	AREA	378980.775	3747414.014	20.86
LOCATION A0000212	AREA	378954.466	3747408.925	20.69
LOCATION A0000213	AREA	378916.790	3747410.474	17.79

** End of LINE AREA Source ID = OFFS3

** -----

** Line Source Represented by Area Sources

** LINE AREA Source ID = ONS1

** DESCRSRC Onsite Route

** PREFIX

** Length of Side = 11.00

** Ratio = 10

** Vertical Dimension = 2.46

** Emission Rate = 1.0652E-10

** Nodes = 3

** 377203.501, 3745805.852, 22.12, 2.64

** 377198.382, 3745817.513, 22.13, 2.64

** 377198.382, 3745874.394, 22.22, 2.64

** -----

LOCATION A0000214	AREA	377208.537	3745808.063	22.07

LOCATION A0000215	AREA	377203.882	3745817.513	22.10

** End of LINE AREA Source ID = ONS1

** Source Parameters **

SRCPARAM PAREA1	4.9E-08	5.000	24	
AREAVERT PAREA1	377149.374	3745950.466	377149.359	3745914.910
AREAVERT PAREA1	377331.602	3745914.002	377332.780	3745812.778
AREAVERT PAREA1	377332.874	3745804.148	377237.551	3745804.179
AREAVERT PAREA1	377226.216	3745805.742	377217.652	3745807.172
AREAVERT PAREA1	377209.506	3745807.306	377202.665	3745805.058
AREAVERT PAREA1	377199.297	3745802.419	377196.622	3745799.247
AREAVERT PAREA1	377194.661	3745792.061	377194.462	3745788.731
AREAVERT PAREA1	377194.462	3745785.146	377074.404	3745784.686
AREAVERT PAREA1	377077.887	3745941.953	377078.539	3745949.682
AREAVERT PAREA1	377080.886	3745952.454	377083.046	3745953.643
AREAVERT PAREA1	377085.790	3745954.248	377090.078	3745954.008
AREAVERT PAREA1	377107.052	3745951.454	377118.178	3745950.653

** LINE AREA Source ID = OFFS1

SRCPARAM A0000153	7.0486E-11	2.644	10.989	16.000	70.710	2.459
SRCPARAM A0000154	7.0486E-11	2.644	85.703	16.000	90.260	2.459
SRCPARAM A0000155	7.0486E-11	2.644	85.703	16.000	90.260	2.459
SRCPARAM A0000156	7.0486E-11	2.644	144.441	16.000	-179.486	2.459
SRCPARAM A0000157	7.0486E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000158	7.0486E-11	2.644	116.130	16.000	-89.836	2.459

SRCPARAM A0000159	7.0486E-11	2.644	116.130	16.000	-89.836	2.459
SRCPARAM A0000160	7.0486E-11	2.644	17.410	16.000	14.323	2.459
SRCPARAM A0000161	7.0486E-11	2.644	50.352	16.000	7.784	2.459
SRCPARAM A0000162	7.0486E-11	2.644	125.798	16.000	0.163	2.459
SRCPARAM A0000163	7.0486E-11	2.644	125.798	16.000	0.163	2.459
SRCPARAM A0000164	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000165	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000166	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000167	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000168	7.0486E-11	2.644	139.504	16.000	0.513	2.459
SRCPARAM A0000169	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000170	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000171	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000172	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000173	7.0486E-11	2.644	157.466	16.000	0.563	2.459
SRCPARAM A0000174	7.0486E-11	2.644	1.845	16.000	26.565	2.459
SRCPARAM A0000175	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000176	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000177	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000178	7.0486E-11	2.644	154.285	16.000	-89.841	2.459
SRCPARAM A0000179	7.0486E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000180	7.0486E-11	2.644	148.910	16.000	-90.000	2.459
SRCPARAM A0000181	7.0486E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000182	7.0486E-11	2.644	132.928	16.000	-89.637	2.459
SRCPARAM A0000183	7.0486E-11	2.644	24.412	16.000	-88.025	2.459
SRCPARAM A0000184	7.0486E-11	2.644	73.096	16.000	-78.043	2.459

** -----

** LINE AREA Source ID = OFFS2

SRCPARAM A0000185	5.3146E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000186	5.3146E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000187	5.3146E-11	2.644	66.997	9.500	-179.853	2.459
SRCPARAM A0000188	5.3146E-11	2.644	60.971	9.500	-90.486	2.459
SRCPARAM A0000189	5.3146E-11	2.644	41.903	9.500	-87.173	2.459
SRCPARAM A0000190	5.3146E-11	2.644	26.633	9.500	-71.917	2.459
SRCPARAM A0000191	5.3146E-11	2.644	24.124	9.500	-46.736	2.459
SRCPARAM A0000192	5.3146E-11	2.644	25.042	9.500	-21.801	2.459
SRCPARAM A0000193	5.3146E-11	2.644	17.636	9.500	-5.042	2.459
SRCPARAM A0000194	5.3146E-11	2.644	63.247	9.500	4.686	2.459
SRCPARAM A0000195	5.3146E-11	2.644	86.509	9.500	4.110	2.459

** -----

** LINE AREA Source ID = OFFS3

SRCPARAM A0000196	5.3129E-11	2.644	34.152	9.500	-72.387	2.459
SRCPARAM A0000197	5.3129E-11	2.644	19.877	9.500	-81.027	2.459
SRCPARAM A0000198	5.3129E-11	2.644	87.326	9.500	-90.678	2.459
SRCPARAM A0000199	5.3129E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000200	5.3129E-11	2.644	67.171	9.500	-89.559	2.459
SRCPARAM A0000201	5.3129E-11	2.644	57.362	9.500	1.032	2.459
SRCPARAM A0000202	5.3129E-11	2.644	36.404	9.500	6.520	2.459
SRCPARAM A0000203	5.3129E-11	2.644	18.025	9.500	27.300	2.459
SRCPARAM A0000204	5.3129E-11	2.644	15.090	9.500	51.953	2.459
SRCPARAM A0000205	5.3129E-11	2.644	12.249	9.500	62.354	2.459
SRCPARAM A0000206	5.3129E-11	2.644	11.379	9.500	87.397	2.459
SRCPARAM A0000207	5.3129E-11	2.644	9.817	9.500	90.000	2.459
SRCPARAM A0000208	5.3129E-11	2.644	17.330	9.500	116.565	2.459

SRCPARAM A0000209	5.3129E-11	2.644	16.092	9.500	137.603	2.459
SRCPARAM A0000210	5.3129E-11	2.644	24.999	9.500	161.940	2.459
SRCPARAM A0000211	5.3129E-11	2.644	27.868	9.500	169.315	2.459
SRCPARAM A0000212	5.3129E-11	2.644	37.750	9.500	-177.647	2.459
SRCPARAM A0000213	5.3129E-11	2.644	10.347	9.500	-177.138	2.459

** -----

** LINE AREA Source ID = ONS1

SRCPARAM A0000214	1.0652E-10	2.644	12.735	11.000	-113.703	2.459
SRCPARAM A0000215	1.0652E-10	2.644	56.881	11.000	-90.000	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 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PAREA1	HRDOW 1.0 1.0 1.0 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
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT A0000153	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000153	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000153	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000153	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000154	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000154	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000154	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000154	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000155	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000155	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000155	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000155	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000156	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000156	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000156	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000156	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000157	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000157	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000157	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000157	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000158	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000158	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000158	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000158	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

**** Saturday:**

```
EMISFACT A0000153  HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000153  HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000153  HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```


[illegible]

[illegible]

EMISFACT A0000180	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000181	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000181	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000181	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000181	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000182	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000182	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000182	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000182	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000183	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000183	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000183	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000183	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000184	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000184	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000184	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000184	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

[illegible]

EMISFACT A0000185	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000185	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000185	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000185	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000186	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000186	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000186	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000186	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000187	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000187	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000187	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000187	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000188	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000188	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000188	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0

EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000191	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000192	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000193	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000194	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000195	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

**** Sunday:**

EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000196	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

EMISFACT A0000210	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000210	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000211	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000212	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000213	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000214	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT A0000215	HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000214	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT A0000215	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED 24_007_Torrance_Con_Mit.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.SFC

PROFFILE ..\HawthorneAirportADJU\KHHR_V9_ADJU\KHHR_v9.PFL

SURFDATA 3167 2012 Hawthorne_Municipal_Airport

UAIRDATA 3190 2012

PROFBASE 20.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST 24_007_TORRANCE_CON_MIT.AD\01H1GALL.PLT 31

PLOTFILE PERIOD ALL 24_007_TORRANCE_CON_MIT.AD\PE00GALL.PLT 32

SUMMFILE 24_007_Torrance_Con_Mit.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 1091 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1091 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 1

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

** Model Options Selected:

- * Model Allows User-Specified 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 64 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 9700000.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * FASTALL - Use effective sigma-y to optimize meander for
POINT and VOLUME sources, and hybrid approach
to optimize AREA sources (formerly TOXICS option)
- * 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: 64 Source(s); 1 Source Group(s); and 690 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 64 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) = 20.00 ; 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: 24 007 Torrance Con Mit.err**

****File for Summary of Results: 24_007_Torrance_Con_Mit.sum**

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24 007 Torrance Con Mit\24 007 Torrance Con Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 2

*** MODELOPTs: NonDFAULT CONC ELEV FASTALL URBAN ADJ U*

*** AREA SOURCE DATA ***

INIT.	NUMBER EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM	Y-DIM	ORIENT.
URBAN	EMISSION RATE	AIRCRAFT					

SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ
SOURCE	SCALAR	VARY								

ID	CATS.	/METER**2	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)
(METERS)		BY							

A0000153 HRDOW	0 NO	0.70486E-10	377196.3	3745803.0	22.1	2.64	10.99	16.00	70.71	2.46	YES	
A0000154 HRDOW	0 NO	0.70486E-10	377199.5	3745795.3	22.2	2.64	85.70	16.00	90.26	2.46	YES	
A0000155 HRDOW	0 NO	0.70486E-10	377199.1	3745709.6	22.1	2.64	85.70	16.00	90.26	2.46	YES	
A0000156 HRDOW	0 NO	0.70486E-10	377206.8	3745631.9	22.4	2.64	144.44	16.00	-179.49	2.46	YES	
A0000157 HRDOW	0 NO	0.70486E-10	377070.3	3745625.2	22.4	2.64	116.13	16.00	-89.84	2.46	YES	
A0000158 HRDOW	0 NO	0.70486E-10	377070.6	3745741.3	22.2	2.64	116.13	16.00	-89.84	2.46	YES	
A0000159 HRDOW	0 NO	0.70486E-10	377071.0	3745857.4	22.0	2.64	116.13	16.00	-89.84	2.46	YES	
A0000160 HRDOW	0 NO	0.70486E-10	377061.3	3745965.8	21.6	2.64	17.41	16.00	14.32	2.46	YES	
A0000161 NO	0	0.70486E-10	377079.1	3745961.3	21.5	2.64	50.35	16.00	7.78	2.46	YES	HRDOW
A0000162 HRDOW	0 NO	0.70486E-10	377130.0	3745954.4	21.7	2.64	125.80	16.00	0.16	2.46	YES	
A0000163 HRDOW	0 NO	0.70486E-10	377255.8	3745954.1	21.1	2.64	125.80	16.00	0.16	2.46	YES	

A0000164 HRDOW	0	0.70486E-10	377381.6	3745953.7	20.7	2.64	139.50	16.00	0.51	2.46	YES	
A0000165 HRDOW	0	0.70486E-10	377521.1	3745952.5	20.6	2.64	139.50	16.00	0.51	2.46	YES	
A0000166 HRDOW	0	0.70486E-10	377660.6	3745951.2	20.4	2.64	139.50	16.00	0.51	2.46	YES	
A0000167 HRDOW	0	0.70486E-10	377800.1	3745950.0	18.6	2.64	139.50	16.00	0.51	2.46	YES	
A0000168 HRDOW	0	0.70486E-10	377939.6	3745948.7	16.2	2.64	139.50	16.00	0.51	2.46	YES	
A0000169 HRDOW	0	0.70486E-10	378079.1	3745947.5	16.6	2.64	157.47	16.00	0.56	2.46	YES	
A0000170 HRDOW	0	0.70486E-10	378236.5	3745945.9	15.5	2.64	157.47	16.00	0.56	2.46	YES	
A0000171 HRDOW	0	0.70486E-10	378394.0	3745944.4	15.2	2.64	157.47	16.00	0.56	2.46	YES	
A0000172 HRDOW	0	0.70486E-10	378551.4	3745942.8	15.7	2.64	157.47	16.00	0.56	2.46	YES	
A0000173 HRDOW	0	0.70486E-10	378708.9	3745941.3	17.6	2.64	157.47	16.00	0.56	2.46	YES	
A0000174 NO	0	0.70486E-10	378862.9	3745940.6	16.4	2.64	1.84	16.00	26.56	2.46	YES	HRDOW
A0000175 HRDOW	0	0.70486E-10	378876.1	3745946.9	16.2	2.64	154.28	16.00	-89.84	2.46	YES	
A0000176 HRDOW	0	0.70486E-10	378876.5	3746101.2	16.9	2.64	154.28	16.00	-89.84	2.46	YES	
A0000177 HRDOW	0	0.70486E-10	378876.9	3746255.5	17.6	2.64	154.28	16.00	-89.84	2.46	YES	
A0000178 HRDOW	0	0.70486E-10	378877.4	3746409.8	18.6	2.64	154.28	16.00	-89.84	2.46	YES	
A0000179 HRDOW	0	0.70486E-10	378877.8	3746564.1	18.6	2.64	148.91	16.00	-90.00	2.46	YES	
A0000180 HRDOW	0	0.70486E-10	378877.8	3746713.0	18.1	2.64	148.91	16.00	-90.00	2.46	YES	
A0000181 HRDOW	0	0.70486E-10	378877.8	3746861.8	17.8	2.64	132.93	16.00	-89.64	2.46	YES	
A0000182 HRDOW	0	0.70486E-10	378878.6	3746994.8	17.7	2.64	132.93	16.00	-89.64	2.46	YES	
A0000183 HRDOW	0	0.70486E-10	378879.5	3747127.5	17.6	2.64	24.41	16.00	-88.02	2.46	YES	
A0000184 HRDOW	0	0.70486E-10	378880.2	3747150.5	17.6	2.64	73.10	16.00	-78.04	2.46	YES	
A0000185 HRDOW	0	0.53146E-10	378887.1	3747230.7	17.5	2.64	67.00	9.50	-179.85	2.46	YES	
A0000186 HRDOW	0	0.53146E-10	378820.1	3747230.8	17.8	2.64	67.00	9.50	-179.85	2.46	YES	
A0000187 HRDOW	0	0.53146E-10	378753.1	3747231.0	18.1	2.64	67.00	9.50	-179.85	2.46	YES	
A0000188 HRDOW	0	0.53146E-10	378690.9	3747226.5	18.3	2.64	60.97	9.50	-90.49	2.46	YES	
A0000189 HRDOW	0	0.53146E-10	378690.3	3747287.2	19.1	2.64	41.90	9.50	-87.17	2.46	YES	
A0000190 HRDOW	0	0.53146E-10	378692.2	3747327.8	19.6	2.64	26.63	9.50	-71.92	2.46	YES	

A0000191	0	0.53146E-10	378699.4	3747351.3	21.1	2.64	24.12	9.50	-46.74	2.46	YES
HRDOW	NO										
A0000192	0	0.53146E-10	378714.2	3747367.7	21.4	2.64	25.04	9.50	-21.80	2.46	YES
HRDOW	NO										

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 3

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** AREA SOURCE DATA ***

NUMBER	EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM	Y-DIM	ORIENT.
INIT.	URBAN	EMISSION RATE	AIRCRAFT				

SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT OF AREA	OF AREA	OF AREA	SZ
SOURCE	SCALAR	VARY							

ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)
(METERS)	BY								

A0000193	0	0.53146E-10	378736.1	3747376.7	21.2	2.64	17.64	9.50	-5.04	2.46	YES	HRDOW
NO												
A0000194	0	0.53146E-10	378752.9	3747378.3	21.5	2.64	63.25	9.50	4.69	2.46	YES	HRDOW
NO												
A0000195	0	0.53146E-10	378816.0	3747373.1	20.9	2.64	86.51	9.50	4.11	2.46	YES	HRDOW
NO												
A0000196	0	0.53129E-10	378891.1	3747225.5	17.5	2.64	34.15	9.50	-72.39	2.46	YES	
HRDOW	NO											
A0000197	0	0.53129E-10	378901.6	3747258.8	17.4	2.64	19.88	9.50	-81.03	2.46	YES	
HRDOW	NO											
A0000198	0	0.53129E-10	378904.8	3747279.2	17.3	2.64	87.33	9.50	-90.68	2.46	YES	
HRDOW	NO											
A0000199	0	0.53129E-10	378903.7	3747366.4	17.3	2.64	67.17	9.50	-89.56	2.46	YES	
HRDOW	NO											
A0000200	0	0.53129E-10	378904.3	3747433.6	17.2	2.64	67.17	9.50	-89.56	2.46	YES	
HRDOW	NO											
A0000201	0	0.53129E-10	378899.9	3747496.1	17.2	2.64	57.36	9.50	1.03	2.46	YES	HRDOW
NO												
A0000202	0	0.53129E-10	378956.8	3747495.0	17.7	2.64	36.40	9.50	6.52	2.46	YES	HRDOW
NO												
A0000203	0	0.53129E-10	378991.4	3747491.4	18.0	2.64	18.02	9.50	27.30	2.46	YES	HRDOW
NO												
A0000204	0	0.53129E-10	379005.8	3747484.4	18.8	2.64	15.09	9.50	51.95	2.46	YES	HRDOW
NO												
A0000205	0	0.53129E-10	379014.6	3747473.3	19.4	2.64	12.25	9.50	62.35	2.46	YES	HRDOW
NO												
A0000206	0	0.53129E-10	379019.8	3747464.4	19.3	2.64	11.38	9.50	87.40	2.46	YES	HRDOW
NO												
A0000207	0	0.53129E-10	379020.3	3747453.3	19.1	2.64	9.82	9.50	90.00	2.46	YES	HRDOW
NO												
A0000208	0	0.53129E-10	379020.8	3747445.6	19.5	2.64	17.33	9.50	116.56	2.46	YES	
HRDOW	NO											
A0000209	0	0.53129E-10	379014.1	3747431.5	20.8	2.64	16.09	9.50	137.60	2.46	YES	

```

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit ***      09/20/24
*** AERMET - VERSION 16216 *** ***                                     ***      09:45:15

                                     PAGE 4
*** MODELOPTs:  NonDEFAULT CONC ELEV FASTALL URBAN ADJ U*

```

NUMBER	EMISSION RATE	LOCATION OF AREA	BASE	RELEASE NUMBER	INIT.	URBAN	
EMISSION RATE	AIRCRAFT						
SOURCE	PART. (GRAMS/SEC	X	Y	ELEV.	HEIGHT OF VERTS.	SZ	SOURCE SCALAR
VARY							
ID	CATS. /METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

```

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** *** 09:45:15

```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SOURCE ID_s

ALL PAREA1 , A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 ,
A0000159 ,

A0000160 , A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167
,

A0000168 , A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175
,

A0000176 , A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183
,

A0000184 , A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191
,
A0000192 , A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199
,
A0000200 , A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207
,
A0000208 , A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000214 , A0000215
,

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** *** 09:45:15

PAGE 6
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
9700000.	PAREA1	A0000153 , A0000154 , A0000155 , A0000156 , A0000157 , A0000158 , A0000159 ,
A0000160		A0000161 , A0000162 , A0000163 , A0000164 , A0000165 , A0000166 , A0000167
A0000168		A0000169 , A0000170 , A0000171 , A0000172 , A0000173 , A0000174 , A0000175
A0000176		A0000177 , A0000178 , A0000179 , A0000180 , A0000181 , A0000182 , A0000183
A0000184		A0000185 , A0000186 , A0000187 , A0000188 , A0000189 , A0000190 , A0000191
A0000192		A0000193 , A0000194 , A0000195 , A0000196 , A0000197 , A0000198 , A0000199
A0000200		A0000201 , A0000202 , A0000203 , A0000204 , A0000205 , A0000206 , A0000207
A0000208		A0000209 , A0000210 , A0000211 , A0000212 , A0000213 , A0000214 , A0000215

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** *** 09:45:15

PAGE 7
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 8

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000153 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

.0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 9

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000154 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 10

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000155 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 11
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000156 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 12

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000157 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 13

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000158 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 14

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000159 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 15

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000160 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** 09:45:15

PAGE 16

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000161 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 17

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000162 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 18

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000163 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
 View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
 *** AERMET - VERSION 16216 *** *** *** 09:45:15

PAGE 19
 *** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000164 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 20
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000165 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 21
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000166 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** 09:45:15

PAGE 22

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000167 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000168 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000169 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 25

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000170 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 26

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000171 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
 View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
 *** AERMET - VERSION 16216 *** *** *** 09:45:15
 PAGE 27
 *** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *
 SOURCE ID = A0000172 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 28

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000173 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 29

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000174 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 30

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000175 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** 09:45:15

PAGE 31

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000176 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** 09:45:15

PAGE 32

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000177 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 33

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000178 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 34

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000179 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 35

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000180 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

.0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 36

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000181 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 37

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000182 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 38
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000183 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 39

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000184 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 40

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000185 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 41

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000186 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 42

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000187 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 43

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000188 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 44

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000189 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 45

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000190 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
 View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
 *** AERMET - VERSION 16216 *** *** *** 09:45:15

PAGE 46
 *** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000191 ; 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	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 47
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000192 ; 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 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 48
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000193 ; 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 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 49

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000194 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000195 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000196 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 52

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000197 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 53

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000198 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 *** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
 View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
 *** AERMET - VERSION 16216 *** *** *** 09:45:15
 PAGE 54
 *** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
 (HRDOW) *
 SOURCE ID = A0000199 ; 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 .0000E+00 8
 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00
 DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 55

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000200 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 56

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000201 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 57

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000202 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** 09:45:15

PAGE 58

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000203 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** 09:45:15

PAGE 59

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000204 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 60

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000205 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 61

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000206 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 62

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000207 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

.0000E+00

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 63

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000208 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 64

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000209 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 65
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000210 ; 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 .0000E+00 8
.1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 66

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000211 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 67

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000212 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 68

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000213 ; 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 .0000E+00 8 .1000E+01

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 69

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000214 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 70

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

SOURCE ID = A0000215 ; SOURCE TYPE = AREA :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 71
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

376369.8, 376510.8, 376651.9, 376792.9, 376934.0, 377075.0, 377216.1, 377357.1, 377498.2, 377639.2, 377780.3, 377921.3, 378062.4, 378203.4, 378344.5, 378485.5, 378626.6, 378767.6, 378908.7, 379049.7, 379190.8, 379331.8, 379472.9, 379613.9, 379755.0,

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

3744808.4, 3744936.0, 3745063.7, 3745191.4, 3745319.0, 3745446.7, 3745574.4, 3745702.0, 3745829.7, 3745957.4,
3746085.1, 3746212.7, 3746340.4, 3746468.1, 3746595.7, 3746723.4, 3746851.1, 3746978.8, 3747106.4, 3747234.1,
3747361.8, 3747489.4, 3747617.1, 3747744.8, 3747872.4,

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 72
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
377498.19	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14	

3747872.44	21.30	20.60	20.30	19.60	18.40	18.50	21.20	21.10	24.50
3747744.77	22.20	21.80	20.80	19.60	18.70	18.70	20.20	20.70	20.10
3747617.10	21.10	20.70	21.60	20.00	18.70	18.80	19.40	20.20	19.70
3747489.43	21.20	20.40	19.90	19.30	18.60	18.40	18.40	19.90	20.10

3747361.76	21.70	20.70	19.90	20.20	20.00	18.70	18.10	19.00	20.10
3747234.09	21.80	21.30	20.30	19.50	19.10	18.50	17.90	18.60	19.80
3747106.42	22.30	22.20	20.70	19.60	19.30	18.80	20.00	21.90	21.00
3746978.75	21.90	20.90	20.40	19.60	19.30	18.30	20.00	13.90	20.10
3746851.08	21.00	21.00	19.50	19.20	19.10	16.80	18.10	16.40	17.80
3746723.41	21.00	20.50	19.90	19.40	19.00	18.40	18.80	18.00	18.40
3746595.74	22.80	21.40	20.70	20.40	20.70	19.90	18.40	19.40	17.30
3746468.07	22.40	22.10	20.50	21.20	21.20	20.30	19.30	19.50	19.40
3746340.40	22.70	22.60	22.00	21.80	21.50	20.60	19.90	19.70	20.10
3746212.73	23.90	22.30	22.30	22.10	21.20	21.00	20.50	20.00	18.90
3746085.06	23.30	22.10	22.00	21.90	22.10	21.50	21.70	20.60	19.50
3745957.39	21.60	23.20	22.60	21.90	22.00	21.60	21.20	20.80	20.60
3745829.72	25.20	22.90	22.90	22.20	22.10	22.10	22.10	21.40	21.70
3745702.05	24.90	24.60	19.60	22.10	22.50	22.30	22.40	22.40	22.30
3745574.38	25.80	25.30	24.90	21.70	21.00	22.70	22.90	22.50	22.60
3745446.71	25.00	24.50	24.20	24.20	21.20	22.80	21.80	22.30	23.10
3745319.04	24.70	25.20	24.80	24.20	24.60	23.60	23.90	23.30	22.80
3745191.37	26.30	28.00	27.40	26.10	26.30	27.50	28.10	26.00	23.50
3745063.70	28.30	29.40	30.10	30.00	29.80	28.40	29.70	28.40	26.20
3744936.03	30.20	30.00	30.70	32.10	31.20	29.30	29.40	29.10	28.30
3744808.36	27.50	27.80	27.70	27.40	27.30	27.10	26.80	26.70	26.40

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 73

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)								
(METERS)	377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59	
378767.64									

3747872.44	20.10	19.20	19.10	20.00	19.20	18.60	18.40	17.80	17.70
3747744.77	19.60	23.20	19.40	20.30	19.20	18.70	18.60	18.00	17.40
3747617.10	19.60	19.50	19.40	22.70	24.80	18.80	18.60	18.40	17.90
3747489.43	19.90	19.50	19.30	19.50	19.30	20.30	22.50	18.60	18.40
3747361.76	19.60	19.30	19.20	19.40	20.00	20.20	19.80	19.20	18.40
3747234.09	19.10	18.20	18.80	19.60	19.80	19.40	19.00	18.50	18.00
3747106.42	22.30	17.50	20.50	22.90	20.50	20.80	20.00	19.10	19.00
3746978.75	20.50	17.60	15.30	20.60	19.60	20.40	20.30	19.90	18.70
3746851.08	17.00	17.40	18.00	18.80	19.50	18.60	19.00	19.00	18.70
3746723.41	17.70	17.00	16.50	17.20	19.40	20.00	19.00	18.50	18.60
3746595.74	16.70	16.00	15.30	16.40	18.70	20.10	19.60	19.20	19.30
3746468.07	19.30	17.40	15.30	15.80	18.10	17.90	17.90	19.20	18.60
3746340.40	18.40	18.60	17.40	15.20	17.10	17.10	17.30	17.50	18.30
3746212.73	17.50	18.80	16.60	17.00	17.10	16.50	16.60	17.70	18.20
3746085.06	18.50	17.90	16.80	17.60	16.10	16.20	16.60	17.90	17.70
3745957.39	20.50	18.90	16.40	16.90	15.80	15.40	15.40	16.90	17.70
3745829.72	21.70	21.30	20.00	17.30	16.70	16.80	15.80	17.00	17.40
3745702.05	22.20	21.80	20.80	23.20	17.90	17.10	15.10	16.20	17.00

3745574.38	22.60	21.40	21.30	18.30	17.80	18.80	14.80	16.50	17.50
3745446.71	23.00	21.40	21.30	18.70	18.90	18.10	19.80	15.40	16.60
3745319.04	22.40	21.90	21.50	19.20	18.80	19.60	21.00	17.60	16.00
3745191.37	22.70	22.20	22.10	21.50	20.10	19.60	20.90	18.00	15.50
3745063.70	24.90	23.30	21.50	20.70	20.00	19.60	20.50	20.10	13.10
3744936.03	26.00	23.80	23.40	22.70	21.60	20.80	18.30	15.20	12.00
3744808.36	25.90	25.40	24.50	23.20	22.10	20.50	19.00	18.40	16.20

*** AERMOD - VERSION 23132 ***

*** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit ***

09/20/24

*** AERMET - VERSION 16216 ***

09:45:15

PAGE 74

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	16.50	16.60	16.50	16.20	16.00	15.30	14.80
3747744.77	16.80	17.20	16.70	16.20	15.60	15.10	14.90
3747617.10	16.90	17.00	16.50	16.20	15.70	15.40	15.10
3747489.43	17.10	18.00	16.80	16.40	16.10	15.60	14.80
3747361.76	17.20	21.50	19.70	18.30	19.60	21.60	23.30
3747234.09	17.40	16.90	16.70	16.00	15.70	15.20	15.00
3747106.42	18.50	17.90	18.00	16.40	16.70	15.70	16.40
3746978.75	18.60	17.40	18.20	17.20	17.80	16.00	16.20
3746851.08	18.60	17.40	18.00	17.40	17.60	17.00	16.50
3746723.41	18.70	17.60	18.40	17.40	17.10	16.50	17.40
3746595.74	18.70	17.30	17.80	17.80	17.20	16.30	17.00
3746468.07	18.70	17.60	17.80	17.90	17.00	16.30	16.90
3746340.40	18.80	17.70	17.40	18.10	17.00	17.30	16.90
3746212.73	17.40	17.30	17.40	17.90	15.60	15.20	15.30
3746085.06	17.50	17.60	17.60	16.80	15.50	15.60	14.50
3745957.39	16.10	15.70	16.30	15.80	14.80	14.80	13.60
3745829.72	17.20	15.90	13.80	14.50	15.30	14.70	12.80
3745702.05	17.80	17.20	16.80	13.80	14.00	13.70	13.60
3745574.38	17.40	16.40	16.00	15.40	13.70	13.60	13.40
3745446.71	16.10	15.90	15.10	14.90	14.30	13.10	12.90
3745319.04	15.50	14.50	15.00	14.90	14.20	14.30	13.30
3745191.37	16.50	15.30	14.10	15.00	13.90	13.40	13.60
3745063.70	15.10	15.30	14.40	13.10	13.00	13.10	12.90
3744936.03	12.20	13.90	14.80	13.50	11.60	11.90	12.10
3744808.36	14.50	11.30	8.90	10.00	10.70	11.20	11.20

*** AERMOD - VERSION 23132 ***

*** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit ***

09/20/24

*** AERMET - VERSION 16216 ***

09:45:15

PAGE 75

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14		
377498.19									

3747872.44	21.30	20.60	20.30	19.60	18.40	18.50	21.20	26.50	24.50
3747744.77	22.20	21.80	20.80	19.60	18.70	18.70	20.20	20.70	20.10
3747617.10	21.10	20.70	21.60	20.00	18.70	18.80	19.40	20.20	19.70
3747489.43	21.20	20.40	19.90	19.30	18.60	18.40	18.40	19.90	20.10
3747361.76	21.70	20.70	19.90	20.20	20.00	18.70	18.10	19.00	20.10
3747234.09	21.80	21.30	20.30	19.50	19.10	18.50	17.90	18.60	19.80
3747106.42	22.30	22.20	20.70	19.60	19.30	18.80	20.00	21.90	21.00
3746978.75	21.90	20.90	20.40	19.60	19.30	18.30	20.00	20.60	20.10
3746851.08	21.00	21.00	19.50	19.20	19.10	18.10	18.10	16.40	17.80
3746723.41	21.00	20.50	19.90	19.40	19.00	18.40	18.80	18.00	18.40
3746595.74	22.80	21.40	20.70	20.40	20.70	19.90	18.40	19.40	17.30
3746468.07	22.40	22.10	20.50	21.20	21.20	20.30	19.30	19.50	19.40
3746340.40	22.70	22.60	22.00	21.80	21.50	20.60	19.90	22.70	20.10
3746212.73	23.90	22.30	22.30	22.10	21.20	21.00	20.50	20.00	22.30
3746085.06	34.30	22.10	22.00	21.90	22.10	21.50	21.70	20.60	19.50
3745957.39	34.30	23.20	22.60	21.90	22.00	21.60	21.20	20.80	20.60
3745829.72	25.20	22.90	22.90	22.20	22.10	22.10	22.10	21.40	21.70
3745702.05	24.90	24.60	23.00	22.10	22.50	22.30	22.40	22.40	22.30
3745574.38	25.80	25.30	24.90	21.70	21.00	22.70	22.90	22.50	22.60
3745446.71	25.00	24.50	24.20	24.20	26.10	22.80	21.80	22.30	23.10
3745319.04	24.70	25.20	24.80	24.20	24.60	28.90	23.90	23.30	22.80
3745191.37	26.30	28.00	27.40	26.10	26.30	28.60	28.10	26.00	23.50
3745063.70	28.30	29.40	30.10	30.00	29.80	28.40	29.70	28.40	26.20
3744936.03	30.20	30.00	30.70	32.10	31.20	29.30	29.40	29.10	28.30
3744808.36	27.50	27.80	27.70	27.40	27.30	27.10	26.80	26.70	26.40

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 76

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59		
378767.64									

3747872.44	20.10	19.20	19.10	20.00	19.20	18.60	18.40	17.80	17.70
3747744.77	19.60	23.20	25.00	20.30	19.20	18.70	18.60	18.00	17.40
3747617.10	19.60	19.50	19.40	26.20	25.90	18.80	18.60	18.40	17.90
3747489.43	19.90	19.50	19.30	19.50	19.30	24.00	22.50	18.60	18.40
3747361.76	19.60	19.30	19.20	19.40	20.00	20.20	19.80	19.20	24.30
3747234.09	19.10	18.20	18.80	19.60	19.80	19.40	19.00	18.50	18.00
3747106.42	22.30	24.30	20.50	22.90	20.50	20.80	20.00	19.10	19.00

3746978.75	20.50	22.90	22.90	24.50	19.60	20.40	20.30	19.90	18.70
3746851.08	17.00	17.40	24.40	18.80	19.50	18.60	19.00	19.00	18.70
3746723.41	17.70	17.00	16.50	17.20	19.40	20.00	19.00	18.50	18.60
3746595.74	16.70	16.00	15.30	16.40	18.70	20.10	19.60	19.20	19.30
3746468.07	19.30	17.40	15.30	15.80	18.10	17.90	17.90	19.20	18.60
3746340.40	21.30	18.60	17.40	15.20	17.10	17.10	17.30	17.50	18.30
3746212.73	17.50	18.80	16.60	17.00	17.10	16.50	16.60	17.70	18.20
3746085.06	18.50	20.00	16.80	17.60	16.10	16.20	16.60	17.90	17.70
3745957.39	20.50	18.90	16.40	16.90	15.80	15.40	15.40	16.90	17.70
3745829.72	21.70	21.30	20.00	17.30	16.70	16.80	15.80	17.00	17.40
3745702.05	22.20	21.80	20.80	23.20	17.90	17.10	15.10	16.20	17.00
3745574.38	22.60	21.40	21.30	18.30	17.80	18.80	14.80	16.50	17.50
3745446.71	23.00	21.40	21.30	18.70	18.90	18.10	19.80	15.40	16.60
3745319.04	22.40	21.90	21.50	19.20	18.80	19.60	21.00	20.90	16.00
3745191.37	22.70	22.20	22.10	21.50	20.10	19.60	20.90	18.00	15.50
3745063.70	24.90	23.30	21.50	20.70	20.00	19.60	20.50	20.10	13.10
3744936.03	26.00	23.80	23.40	22.70	21.60	20.80	18.30	20.90	12.00
3744808.36	25.90	25.40	24.50	23.20	22.10	20.50	19.00	18.40	16.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 77

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	16.50	16.60	16.50	16.20	16.00	15.30	14.80
3747744.77	16.80	17.20	16.70	16.20	15.60	15.10	14.90
3747617.10	16.90	17.00	16.50	16.20	15.70	15.40	15.10
3747489.43	17.10	18.00	16.80	16.40	16.10	15.60	14.80
3747361.76	24.40	21.50	19.70	18.30	19.60	21.60	23.30
3747234.09	17.40	16.90	16.70	16.00	15.70	15.20	15.00
3747106.42	18.50	17.90	18.00	16.40	16.70	15.70	16.40
3746978.75	18.60	17.40	18.20	17.20	17.80	16.00	16.20
3746851.08	18.60	17.40	18.00	17.40	17.60	17.00	16.50
3746723.41	18.70	17.60	18.40	17.40	17.10	16.50	17.40
3746595.74	18.70	17.30	17.80	17.80	17.20	16.30	17.00
3746468.07	18.70	17.60	17.80	17.90	17.00	16.30	16.90
3746340.40	18.80	17.70	17.40	18.10	17.00	17.30	16.90
3746212.73	17.40	17.30	17.40	17.90	15.60	15.20	15.30
3746085.06	17.50	17.60	17.60	16.80	15.50	15.60	14.50
3745957.39	16.10	15.70	16.30	15.80	14.80	14.80	13.60
3745829.72	17.20	15.90	13.80	14.50	15.30	14.70	12.80
3745702.05	17.80	17.20	16.80	13.80	14.00	13.70	13.60
3745574.38	17.40	16.40	16.00	15.40	13.70	13.60	13.40
3745446.71	16.10	15.90	15.10	14.90	14.30	13.10	12.90
3745319.04	15.50	14.50	15.00	14.90	14.20	14.30	13.30
3745191.37	16.50	15.30	14.10	15.00	13.90	13.40	13.60

3745063.70	15.10	15.30	14.40	13.10	13.00	13.10	12.90
3744936.03	12.20	13.90	14.80	13.50	11.60	11.90	12.10
3744808.36	14.50	11.30	8.90	10.00	10.70	11.20	11.20

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 78

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

(377157.3, 3745932.9,	22.1,	22.1,	0.0);	(377175.1, 3745925.8,	21.6,	21.6,	0.0);
(377190.5, 3745923.9,	21.6,	21.6,	0.0);	(377202.9, 3745925.8,	21.5,	21.5,	0.0);
(377221.1, 3745927.2,	21.3,	21.3,	0.0);	(377235.7, 3745925.4,	21.3,	21.3,	0.0);
(377246.5, 3745921.9,	21.4,	21.4,	0.0);	(377264.1, 3745921.7,	21.3,	21.3,	0.0);
(377280.5, 3745921.7,	21.3,	21.3,	0.0);	(377293.9, 3745920.5,	21.3,	21.3,	0.0);
(377310.9, 3745922.1,	21.3,	21.3,	0.0);	(377325.3, 3745926.6,	21.2,	21.2,	0.0);
(377343.9, 3745923.3,	21.2,	21.2,	0.0);	(377358.7, 3745923.3,	21.1,	21.1,	0.0);
(377371.4, 3745922.0,	21.0,	21.0,	0.0);	(377385.7, 3745926.0,	20.8,	20.8,	0.0);
(377143.8, 3745985.0,	21.7,	21.7,	0.0);	(377157.6, 3745985.4,	21.7,	21.7,	0.0);
(377187.6, 3745985.0,	21.5,	21.5,	0.0);	(377216.8, 3745985.2,	21.3,	21.3,	0.0);
(377248.8, 3745983.1,	21.3,	21.3,	0.0);	(377279.6, 3745983.8,	21.2,	21.2,	0.0);
(377322.2, 3745982.9,	21.0,	21.0,	0.0);	(377369.0, 3745982.3,	20.8,	20.8,	0.0);
(377097.5, 3745290.8,	24.8,	24.8,	0.0);	(377139.5, 3745293.1,	24.8,	24.8,	0.0);
(377174.9, 3745293.1,	24.9,	24.9,	0.0);	(377235.2, 3745291.7,	24.4,	24.4,	0.0);
(377299.1, 3745287.8,	24.2,	24.2,	0.0);	(377328.6, 3745289.4,	24.0,	24.0,	0.0);
(377359.3, 3745291.6,	23.7,	23.7,	0.0);	(377429.5, 3745982.4,	20.7,	20.7,	0.0);
(377469.4, 3745980.4,	20.8,	20.8,	0.0);	(377500.1, 3745981.4,	20.9,	20.9,	0.0);
(377531.5, 3745980.1,	21.0,	21.0,	0.0);	(377567.4, 3745977.5,	20.8,	20.8,	0.0);
(377600.1, 3745978.1,	20.6,	20.6,	0.0);	(377627.8, 3745979.1,	20.7,	20.7,	0.0);
(377705.4, 3745979.8,	20.6,	20.6,	0.0);	(377734.5, 3745977.8,	19.9,	19.9,	0.0);
(377780.0, 3745980.4,	19.1,	19.1,	0.0);	(377812.4, 3745978.1,	18.3,	18.3,	0.0);
(377856.6, 3745976.1,	17.4,	17.4,	0.0);	(377895.2, 3745974.5,	16.7,	16.7,	0.0);
(377735.5, 3745941.5,	19.9,	19.9,	0.0);	(377814.3, 3745942.5,	18.5,	18.5,	0.0);
(377773.4, 3745936.5,	19.3,	19.3,	0.0);	(377671.1, 3745939.8,	20.6,	20.6,	0.0);
(377634.5, 3745937.5,	20.6,	20.6,	0.0);	(377585.6, 3745941.5,	20.7,	20.7,	0.0);
(377572.1, 3745940.2,	20.6,	20.6,	0.0);	(377525.8, 3745939.2,	20.6,	20.6,	0.0);
(378905.2, 3745961.8,	16.1,	16.1,	0.0);	(378905.8, 3745921.8,	16.4,	16.4,	0.0);
(378887.8, 3745843.8,	17.6,	17.6,	0.0);	(378641.4, 3747296.7,	19.3,	19.3,	0.0);
(377346.6, 3745857.7,	21.4,	21.4,	0.0);	(377222.5, 3745780.0,	22.4,	22.4,	0.0);
(377185.6, 3745779.4,	22.4,	22.4,	0.0);	(377106.2, 3745766.0,	22.4,	22.4,	0.0);
(377287.7, 3745779.6,	21.8,	21.8,	0.0);	(377219.4, 3745700.5,	22.5,	22.5,	0.0);
(377324.8, 3745779.6,	22.1,	22.1,	0.0);	(377192.9, 3745640.2,	22.6,	22.6,	0.0);
(377125.0, 3745641.0,	22.7,	22.7,	0.0);				

*** AERMOD - VERSION 23132 *** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 ***

*** 09:45:15

PAGE 79

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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

12 01 01	1 01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	283.8	2.0
12 01 01	1 02	-2.1	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	305.	7.9	283.1	2.0
12 01 01	1 03	-9.0	0.127	-9.000	-9.000	-999.	109.	20.8	0.24	2.79	1.00	1.18	323.	7.9	282.5	2.0
12 01 01	1 04	-2.2	0.068	-9.000	-9.000	-999.	43.	13.3	0.24	2.79	1.00	0.53	296.	7.9	282.0	2.0
12 01 01	1 05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	1.00	0.00	0.	7.9	281.4	2.0
12 01 01	1 06	-6.0	0.103	-9.000	-9.000	-999.	80.	16.7	0.24	2.79	1.00	0.97	321.	7.9	281.4	2.0
12 01 01	1 07	-4.3	0.088	-9.000	-9.000	-999.	63.	14.4	0.24	2.79	1.00	0.82	313.	7.9	280.4	2.0
12 01 01	1 08	15.7	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.24	2.79	0.55	0.00	0.	7.9	281.4	2.0
12 01 01	1 09	35.7	0.115	0.353	0.013	45.	93.	-3.8	0.24	2.79	0.32	0.63	179.	7.9	285.4	2.0
12 01 01	1 10	109.0	0.141	0.727	0.009	128.	127.	-2.3	0.24	2.79	0.24	0.70	170.	7.9	289.2	2.0
12 01 01	1 11	164.4	0.149	1.186	0.005	370.	138.	-1.8	0.24	2.79	0.21	0.70	222.	7.9	297.0	2.0
12 01 01	1 12	191.7	0.163	1.525	0.005	672.	158.	-2.1	0.24	2.79	0.20	0.79	12.	7.9	299.9	2.0
12 01 01	1 13	191.3	0.170	1.819	0.005	1144.	168.	-2.3	0.24	2.79	0.20	0.84	260.	7.9	300.9	2.0
12 01 01	1 14	161.6	0.344	1.852	0.005	1428.	483.	-22.7	0.24	2.79	0.21	2.49	260.	7.9	298.8	2.0

12	01	01	1	15	105.0	0.367	1.638	0.005	1521.	534.	-42.8	0.24	2.79	0.24	2.84	292.	7.9	293.8	2.0
12	01	01	1	16	29.7	0.383	1.079	0.005	1539.	570.	-172.5	0.24	2.79	0.33	3.22	276.	7.9	290.4	2.0
12	01	01	1	17	-24.8	0.287	-9.000	-9.000	-999.	374.	90.3	0.24	2.79	0.59	2.52	284.	7.9	289.2	2.0
12	01	01	1	18	-26.7	0.269	-9.000	-9.000	-999.	336.	79.8	0.24	2.79	1.00	2.38	285.	7.9	287.5	2.0
12	01	01	1	19	-10.2	0.137	-9.000	-9.000	-999.	133.	22.7	0.24	2.79	1.00	1.26	287.	7.9	287.5	2.0
12	01	01	1	20	-6.2	0.106	-9.000	-9.000	-999.	83.	17.2	0.24	2.79	1.00	0.99	303.	7.9	287.0	2.0
12	01	01	1	21	-7.6	0.117	-9.000	-9.000	-999.	96.	19.1	0.24	2.79	1.00	1.09	326.	7.9	286.4	2.0
12	01	01	1	22	-6.8	0.110	-9.000	-9.000	-999.	88.	18.0	0.24	2.79	1.00	1.03	297.	7.9	285.9	2.0
12	01	01	1	23	-19.9	0.200	-9.000	-9.000	-999.	214.	43.9	0.24	2.79	1.00	1.79	290.	7.9	285.9	2.0
12	01	01	1	24	-19.6	0.196	-9.000	-9.000	-999.	209.	42.3	0.24	2.79	1.00	1.76	282.	7.9	285.9	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	-999.	-99.00	283.8	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 81

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)							
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99	377075.04	377216.09	377357.14
377498.19								

3747872.44	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
0.00001								
3747744.77	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
0.00001								
3747617.10	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								
3747489.43	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								
3747361.76	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								
3747234.09	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
0.00002								

3747106.42	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
0.00003								
3746978.75	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
0.00003								
3746851.08	0.00004	0.00004	0.00004	0.00005	0.00005	0.00004	0.00004	0.00004
0.00004								
3746723.41	0.00004	0.00005	0.00005	0.00006	0.00006	0.00006	0.00005	0.00005
0.00005								
3746595.74	0.00005	0.00006	0.00007	0.00008	0.00008	0.00008	0.00008	0.00007
0.00007								
3746468.07	0.00006	0.00007	0.00009	0.00011	0.00012	0.00012	0.00012	0.00011
0.00010								
3746340.40	0.00007	0.00009	0.00012	0.00016	0.00019	0.00021	0.00020	0.00018
0.00018								
3746212.73	0.00008	0.00011	0.00016	0.00023	0.00034	0.00041	0.00041	0.00039
0.00042								
3746085.06	0.00009	0.00013	0.00020	0.00035	0.00066	0.00109	0.00124	0.00130
0.00121								
3745957.39	0.00010	0.00014	0.00023	0.00045	0.00121	0.00802	0.01023	0.00727
0.00310								
3745829.72	0.00009	0.00014	0.00022	0.00044	0.00123	0.01269	0.02963	0.01443
0.00262								
3745702.05	0.00008	0.00012	0.00019	0.00033	0.00072	0.00175	0.00202	0.00126
0.00072								
3745574.38	0.00008	0.00010	0.00015	0.00024	0.00041	0.00062	0.00065	0.00047
0.00030								
3745446.71	0.00007	0.00009	0.00012	0.00018	0.00026	0.00033	0.00032	0.00026
0.00019								
3745319.04	0.00006	0.00007	0.00010	0.00014	0.00018	0.00020	0.00020	0.00017
0.00014								
3745191.37	0.00005	0.00006	0.00008	0.00011	0.00013	0.00014	0.00013	0.00012
0.00010								
3745063.70	0.00004	0.00005	0.00007	0.00009	0.00011	0.00011	0.00009	0.00008
0.00008								
3744936.03	0.00004	0.00005	0.00006	0.00008	0.00008	0.00008	0.00007	0.00007
0.00006								
3744808.36	0.00004	0.00005	0.00006	0.00006	0.00007	0.00007	0.00006	0.00006
0.00005								

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** *** 09:45:15

PAGE 82
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*
*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)							
377639.24	377780.29	377921.34	378062.39	378203.44	378344.49	378485.54	378626.59	378767.64

3747872.44	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747744.77	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001								
3747617.10	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00002
0.00002								
3747489.43	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00002								
3747361.76	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00003								
3747234.09	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
0.00004								
3747106.42	0.00003	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
0.00003								
3746978.75	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
0.00004								
3746851.08	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
0.00005								
3746723.41	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006
0.00006								
3746595.74	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00008	0.00008
0.00008								
3746468.07	0.00011	0.00011	0.00012	0.00013	0.00013	0.00012	0.00011	0.00010
0.00010								
3746340.40	0.00020	0.00021	0.00021	0.00020	0.00018	0.00016	0.00014	0.00012
0.00011								
3746212.73	0.00044	0.00041	0.00035	0.00029	0.00024	0.00020	0.00016	0.00013
0.00011								
3746085.06	0.00096	0.00069	0.00050	0.00036	0.00027	0.00021	0.00016	0.00013
0.00011								
3745957.39	0.00151	0.00086	0.00055	0.00038	0.00028	0.00022	0.00018	0.00015
0.00012								
3745829.72	0.00112	0.00062	0.00039	0.00027	0.00019	0.00015	0.00012	0.00009
0.00008								
3745702.05	0.00046	0.00032	0.00023	0.00017	0.00013	0.00011	0.00009	0.00007
0.00006								
3745574.38	0.00021	0.00016	0.00013	0.00010	0.00009	0.00007	0.00006	0.00005
0.00005								
3745446.71	0.00014	0.00010	0.00008	0.00007	0.00006	0.00005	0.00005	0.00004
0.00004								
3745319.04	0.00011	0.00008	0.00006	0.00005	0.00004	0.00004	0.00003	0.00003
0.00003								
3745191.37	0.00008	0.00007	0.00006	0.00005	0.00004	0.00003	0.00003	0.00003
0.00002								
3745063.70	0.00007	0.00006	0.00005	0.00004	0.00003	0.00003	0.00003	0.00002

0.00002
3744936.03 | 0.00006 0.00005 0.00004 0.00004 0.00003 0.00003 0.00002 0.00002
0.00002
3744808.36 | 0.00005 0.00004 0.00004 0.00003 0.00003 0.00003 0.00002 0.00002
0.00002
*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 83
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

Y-COORD	X-COORD (METERS)						
(METERS)	378908.69	379049.74	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.44	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
3747744.77	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002
3747617.10	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3747489.43	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3747361.76	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3747234.09	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3747106.42	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
3746978.75	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
3746851.08	0.00006	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
3746723.41	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005	0.00004
3746595.74	0.00008	0.00007	0.00006	0.00006	0.00005	0.00005	0.00005
3746468.07	0.00009	0.00008	0.00007	0.00006	0.00006	0.00005	0.00005
3746340.40	0.00010	0.00008	0.00007	0.00006	0.00006	0.00005	0.00005
3746212.73	0.00010	0.00008	0.00007	0.00006	0.00006	0.00005	0.00004
3746085.06	0.00010	0.00008	0.00007	0.00006	0.00005	0.00004	0.00004
3745957.39	0.00009	0.00007	0.00006	0.00005	0.00004	0.00004	0.00004
3745829.72	0.00007	0.00006	0.00005	0.00004	0.00004	0.00003	0.00003
3745702.05	0.00005	0.00005	0.00004	0.00004	0.00003	0.00003	0.00003
3745574.38	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00002
3745446.71	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
3745319.04	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
3745191.37	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
3745063.70	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
3744936.03	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
3744808.36	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
377157.27	3745932.86	0.02276	377175.10	3745925.76	0.02336
377190.51	3745923.94	0.02276	377202.87	3745925.76	0.02132
377221.11	3745927.18	0.02004	377235.71	3745925.36	0.02065
377246.45	3745921.91	0.02214	377264.08	3745921.71	0.02181
377280.50	3745921.71	0.02120	377293.87	3745920.49	0.02105
377310.90	3745922.12	0.01900	377325.29	3745926.58	0.01576
377343.94	3745923.33	0.01507	377358.73	3745923.33	0.01273
377371.41	3745922.05	0.01122	377385.69	3745925.97	0.00904
377143.82	3745984.97	0.00642	377157.60	3745985.38	0.00639
377187.60	3745984.97	0.00625	377216.78	3745985.17	0.00591
377248.81	3745983.15	0.00581	377279.62	3745983.75	0.00546
377322.22	3745982.87	0.00514	377369.00	3745982.34	0.00472
377097.47	3745290.81	0.00019	377139.52	3745293.09	0.00019
377174.87	3745293.09	0.00018	377235.18	3745291.69	0.00018
377299.15	3745287.76	0.00016	377328.61	3745289.45	0.00016
377359.26	3745291.56	0.00015	377429.46	3745982.41	0.00371
377469.41	3745980.43	0.00313	377500.10	3745981.42	0.00269
377531.46	3745980.10	0.00233	377567.44	3745977.46	0.00200
377600.12	3745978.12	0.00172	377627.85	3745979.11	0.00152
377705.42	3745979.77	0.00111	377734.46	3745977.79	0.00100
377780.02	3745980.43	0.00084	377812.36	3745978.12	0.00076
377856.60	3745976.14	0.00066	377895.22	3745974.49	0.00058
377735.45	3745941.48	0.00099	377814.34	3745942.47	0.00074
377773.41	3745936.53	0.00085	377671.09	3745939.83	0.00130
377634.45	3745937.52	0.00154	377585.60	3745941.48	0.00197
377572.06	3745940.16	0.00212	377525.85	3745939.17	0.00277
378905.23	3745961.79	0.00009	378905.83	3745921.75	0.00008
378887.76	3745843.80	0.00007	378641.43	3747296.68	0.00002
377346.58	3745857.72	0.02094	377222.46	3745780.01	0.01014
377185.56	3745779.45	0.01113	377106.17	3745766.03	0.00619
377287.74	3745779.61	0.00730	377219.40	3745700.53	0.00196
377324.76	3745779.63	0.00593	377192.94	3745640.24	0.00110

PAGE 85
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

** CONC OF PM_10 IN MICROGRAMS/M**3					
Y-COORD	X-COORD (METERS)				
(METERS)	376369.79	376510.84	376651.89	376792.94	376933.99

3747872.4	0.01354 (15010808)	0.01311 (15010808)	0.01238 (15020508)	0.01291 (15020508)	0.01386
(14120908)					
3747744.8	0.01473 (15010808)	0.01463 (15010808)	0.01344 (15010808)	0.01408 (15020508)	0.01496
(14120908)					
3747617.1	0.01591 (15010808)	0.01627 (15010808)	0.01533 (15010808)	0.01540 (15020508)	0.01619
(14120908)					
3747489.4	0.01704 (15010808)	0.01804 (15010808)	0.01751 (15010808)	0.01688 (15020508)	0.01762
(14120908)					
3747361.8	0.01804 (15010808)	0.01988 (15010808)	0.01999 (15010808)	0.01853 (15020508)	0.01925
(14120908)					
3747234.1	0.01878 (15010808)	0.02171 (15010808)	0.02278 (15010808)	0.02130 (15010808)	0.02164
(15020508)					
3747106.4	0.01993 (15021208)	0.02341 (15010808)	0.02582 (15010808)	0.02521 (15010808)	0.02465
(15020508)					
3746978.8	0.02235 (15021208)	0.02473 (15010808)	0.02903 (15010808)	0.02989 (15010808)	0.02829
(15020508)					
3746851.1	0.02452 (14012808)	0.02703 (15021208)	0.03217 (15010808)	0.03542 (15010808)	0.03277
(15010808)					
3746723.4	0.02829 (14012808)	0.03047 (15021208)	0.03479 (15010808)	0.04177 (15010808)	0.04133
(15010808)					
3746595.7	0.03259 (12123108)	0.03571 (14012808)	0.03953 (15021208)	0.04860 (15010808)	0.05276
(15010808)					
3746468.1	0.03769 (12123108)	0.04241 (12123108)	0.04711 (14012808)	0.05485 (15010808)	0.06793
(15010808)					
3746340.4	0.04220 (13012108)	0.04984 (14010708)	0.05865 (12123108)	0.06632 (14012808)	0.08730
(15010808)					
3746212.7	0.04691 (13012108)	0.05829 (13012108)	0.07146 (12010208)	0.08965 (12123108)	0.10901
(15010808)					
3746085.1	0.04385 (13021108)	0.06016 (13012108)	0.08447 (13012108)	0.11798 (13012108)	0.16712

(12123108)					
3745957.4 (13012108)	0.05013 (12011008)	0.06383 (12011008)	0.08540 (12011008)	0.12617 (13012108)	0.24896
3745829.7 (12013008)	0.05215 (12011108)	0.06775 (12011108)	0.09361 (12011108)	0.14328 (12011108)	0.27105
3745702.0 (14112808)	0.05192 (12013008)	0.06770 (12013008)	0.09155 (14112808)	0.14060 (14112808)	0.21647
3745574.4 (13010808)	0.05143 (14112808)	0.06631 (14112808)	0.08408 (14112808)	0.09952 (14112808)	0.13596
3745446.7 (14011308)	0.04841 (14112808)	0.05510 (14112808)	0.05930 (14122608)	0.07892 (13010808)	0.10365
3745319.0 (13120308)	0.03849 (14112808)	0.04210 (14122608)	0.05312 (13010808)	0.06518 (14011308)	0.07871
3745191.4 (13120308)	0.03195 (12021008)	0.05069 (13010808)	0.05911 (13010808)	0.05539 (14011308)	0.06179
3745063.7 (12012408)	0.03931 (13010808)	0.04883 (13010808)	0.05679 (14011308)	0.06406 (12012508)	0.06967
3744936.0 (12012408)	0.04012 (13010808)	0.04124 (13123008)	0.05249 (14011308)	0.05828 (13120308)	0.06082
3744808.4 (12012408)	0.03243 (13010808)	0.03835 (14011308)	0.04111 (14011308)	0.04403 (13120308)	0.04612

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** *** 09:45:15

PAGE 86

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
, A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
, A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
, A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

** CONC OF PM_10 IN MICROGRAMS/M**3					**
Y-COORD	X-COORD (METERS)				
(METERS)	377075.04	377216.09	377357.14	377498.19	

3747872.4 (14010308)	0.01525 (14120908)	0.01538 (14120908)	0.01465 (14010308)	0.01481 (14010308)	0.01395
3747744.8 (14010308)	0.01663 (14120908)	0.01682 (14120908)	0.01608 (14010308)	0.01612 (14010308)	0.01496
3747617.1 (16120908)	0.01823 (14120908)	0.01849 (14120908)	0.01775 (14010308)	0.01761 (14010308)	0.01613
3747489.4 (16120908)	0.02011 (14120908)	0.02046 (14120908)	0.01972 (14010308)	0.01933 (14010308)	0.01776
3747361.8	0.02237 (14120908)	0.02281 (14120908)	0.02208 (14010308)	0.02131 (14010308)	0.01957

(16120908)					
3747234.1	0.02507 (14120908)	0.02570 (14120908)	0.02493 (14010308)	0.02361 (14010308)	0.02155
(16120908)					
3747106.4	0.02842 (14120908)	0.02931 (14120908)	0.02844 (14010308)	0.02629 (14010308)	0.02368
(16120908)					
3746978.8	0.03257 (14120908)	0.03387 (14120908)	0.03274 (14010308)	0.02949 (16120908)	0.02587
(16120908)					
3746851.1	0.03786 (14120908)	0.03973 (14120908)	0.03830 (14010308)	0.03398 (16120908)	0.03185
(13121708)					
3746723.4	0.04489 (14120908)	0.04772 (14120908)	0.04552 (14010308)	0.03927 (16120908)	0.04019
(13121708)					
3746595.7	0.05445 (14120908)	0.05881 (14120908)	0.05513 (14010308)	0.04745 (13121708)	0.04992
(13121708)					
3746468.1	0.06797 (14120908)	0.07532 (14120908)	0.06831 (14010308)	0.06485 (13121708)	0.06179
(12021308)					
3746340.4	0.08885 (15010808)	0.10165 (14120908)	0.08693 (14010308)	0.08725 (13121708)	0.07584
(12021308)					
3746212.7	0.13933 (15010808)	0.14901 (14010308)	0.13322 (13121708)	0.11977 (12021308)	0.08601
(13020608)					
3746085.1	0.24525 (15010808)	0.25651 (14010308)	0.22529 (12021308)	0.15212 (13020608)	0.10288
(13020608)					
3745957.4	0.71266 (12123108)	0.56408 (14010308)	0.43956 (13020608)	0.20241 (13010908)	0.11853
(13011608)					
3745829.7	1.04222 (14112808)	0.86480 (13010308)	0.66771 (14021408)	0.21800 (14010208)	0.12408
(14010208)					
3745702.0	0.35737 (13123008)	0.38429 (12121108)	0.28911 (14012708)	0.17395 (14012108)	0.11276
(14021408)					
3745574.4	0.18638 (13120308)	0.19676 (12121108)	0.17410 (12011908)	0.12975 (14012708)	0.09644
(14012708)					
3745446.7	0.12070 (12012408)	0.12236 (12121108)	0.11323 (13122408)	0.09371 (12011908)	0.07819
(14012708)					
3745319.0	0.08532 (12012408)	0.08490 (12121108)	0.08353 (12121108)	0.07590 (12011908)	0.06056
(15010708)					
3745191.4	0.08321 (12121408)	0.07975 (13020708)	0.06596 (12121108)	0.05973 (13122408)	0.05212
(12011908)					
3745063.7	0.06811 (12121408)	0.06658 (13020708)	0.07128 (12121108)	0.04740 (13122408)	0.04533
(12011908)					
3744936.0	0.05688 (12121408)	0.05484 (13020708)	0.06042 (12121108)	0.04889 (15122308)	0.03845
(12011908)					
3744808.4	0.04477 (12121408)	0.04339 (13020708)	0.03704 (12121108)	0.03444 (12121108)	0.03270
(13122408)					

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
 View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
 *** AERMET - VERSION 16216 *** ***
 *** 09:45:15
 PAGE 87
 *** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*
 *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
 ,
 A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
 ,
 A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD (METERS)	X-COORD (METERS)				
	377780.29	377921.34	378062.39	378203.44	378344.49

3747872.4 (13121708)	0.01321 (16120908)	0.01210 (16120908)	0.01082 (13121708)	0.01205 (13121708)	0.01266
3747744.8 (13121708)	0.01420 (16120908)	0.01266 (16120908)	0.01256 (13121708)	0.01363 (13121708)	0.01391
3747617.1 (13121708)	0.01523 (16120908)	0.01317 (16120908)	0.01455 (13121708)	0.01529 (13121708)	0.01512
3747489.4 (13121708)	0.01628 (16120908)	0.01529 (13121708)	0.01671 (13121708)	0.01696 (13121708)	0.01619
3747361.8 (12021308)	0.01732 (16120908)	0.01807 (13121708)	0.01899 (13121708)	0.01854 (13121708)	0.01796
3747234.1 (12021308)	0.01918 (13121708)	0.02118 (13121708)	0.02131 (13121708)	0.02038 (12021308)	0.01963
3747106.4 (12021308)	0.02334 (13121708)	0.02454 (13121708)	0.02347 (13121708)	0.02277 (12021308)	0.02084
3746978.8 (12021308)	0.02815 (13121708)	0.02792 (13121708)	0.02676 (12021308)	0.02465 (12021308)	0.02129
3746851.1 (12010908)	0.03350 (13121708)	0.03187 (12021308)	0.02972 (12021308)	0.02557 (12021308)	0.02170
3746723.4 (13020608)	0.03899 (13121708)	0.03669 (12021308)	0.03146 (12021308)	0.02615 (12010908)	0.02467
3746595.7 (13020608)	0.04666 (12021308)	0.04000 (12021308)	0.03238 (12010908)	0.03016 (13020608)	0.02688
3746468.1 (13020608)	0.05329 (12021308)	0.04168 (12010908)	0.03790 (13020608)	0.03250 (13020608)	0.02687
3746340.4 (13123108)	0.05736 (13020608)	0.04962 (13020608)	0.04009 (13020608)	0.03293 (13123108)	0.02933
3746212.7 (13010908)	0.06860 (13020608)	0.05140 (13123108)	0.04358 (13123108)	0.03672 (13010908)	0.03109
3746085.1 (13011608)	0.07612 (13123108)	0.05848 (13010908)	0.04604 (13011608)	0.03734 (13011608)	0.03080
3745957.4 (14011608)	0.08017 (14011608)	0.06094 (14011608)	0.04861 (14011608)	0.03990 (14011608)	0.03364
3745829.7 (14011008)	0.08367 (14010208)	0.06194 (14011008)	0.04846 (14011008)	0.03942 (14011008)	0.03298
3745702.0 (14010208)	0.07668 (14011508)	0.05695 (13010308)	0.04594 (13010308)	0.03796 (13010308)	0.03214
3745574.4 (14011508)	0.07154 (14012108)	0.05596 (14021408)	0.04425 (14011508)	0.03582 (14011508)	0.02925
3745446.7 (14021408)	0.06422 (14012708)	0.04956 (15011908)	0.04204 (14012108)	0.03541 (14012108)	0.03000
3745319.0 (14012108)	0.05401 (14012708)	0.04690 (14012708)	0.03823 (14122308)	0.03219 (14012108)	0.02874
3745191.4	0.04398 (15010708)	0.04031 (14012708)	0.03626 (14012708)	0.03070 (14012708)	0.02629

(15011908)					
3745063.7	0.03727 (12011908)	0.03367 (15010708)	0.03167 (14012708)	0.02916 (14012708)	0.02552
(14012708)					
3744936.0	0.03463 (12011908)	0.02997 (15010708)	0.02679 (15010708)	0.02578 (14012708)	0.02414
(14012708)					
3744808.4	0.03119 (12011908)	0.02687 (12011908)	0.02467 (15010708)	0.02194 (15010708)	0.02154
(14012708)					

*** AERMOD - VERSION 23132 ***

*** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit ***

09/20/24

*** AERMET - VERSION 16216 ***

09:45:15

PAGE 88

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL

INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156

,

A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164

,

A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172

,

A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

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

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

**

Y-COORD	X-COORD (METERS)				
(METERS)	378485.54	378626.59	378767.64	378908.69	379049.74

3747872.4	0.01263 (13121708)	0.01208 (13121708)	0.01200 (12021308)	0.01157 (12021308)	0.01084
(12021308)					
3747744.8	0.01350 (13121708)	0.01317 (12021308)	0.01280 (12021308)	0.01201 (12021308)	0.01094
(12021308)					
3747617.1	0.01452 (12021308)	0.01424 (12021308)	0.01340 (12021308)	0.01221 (12021308)	0.01083
(12021308)					
3747489.4	0.01595 (12021308)	0.01508 (12021308)	0.01375 (12021308)	0.01238 (12021308)	0.01120
(12010908)					
3747361.8	0.01712 (12021308)	0.01558 (12021308)	0.01368 (12021308)	0.01262 (12010908)	0.01199
(12010908)					
3747234.1	0.01789 (12021308)	0.01559 (12021308)	0.01414 (12010908)	0.01371 (12010908)	0.01303
(13020608)					
3747106.4	0.01808 (12021308)	0.01587 (12010908)	0.01517 (13020608)	0.01488 (13020608)	0.01385
(13020608)					
3746978.8	0.01840 (12010908)	0.01757 (13020608)	0.01674 (13020608)	0.01573 (13020608)	0.01413
(13020608)					
3746851.1	0.02063 (13020608)	0.01933 (13020608)	0.01758 (13020608)	0.01586 (13020608)	0.01373
(13020608)					
3746723.4	0.02262 (13020608)	0.02008 (13020608)	0.01744 (13020608)	0.01557 (16012608)	0.01436
(13123108)					
3746595.7	0.02314 (13020608)	0.01948 (16012608)	0.01793 (13123108)	0.01695 (13123108)	0.01558
(13123108)					
3746468.1	0.02351 (13123108)	0.02155 (13123108)	0.01959 (13123108)	0.01795 (13010908)	0.01616

(13010908)					
3746340.4	0.02588 (13123108)	0.02288 (13010908)	0.02023 (13010908)	0.01821 (13011608)	0.01630
(13011608)					
3746212.7	0.02662 (13011608)	0.02314 (13011608)	0.02023 (13011608)	0.01793 (13011608)	0.01578
(13120208)					
3746085.1	0.02596 (13120208)	0.02276 (14011608)	0.02037 (14011608)	0.01854 (14011608)	0.01671
(14011608)					
3745957.4	0.02889 (14011608)	0.02519 (14011608)	0.02222 (14011608)	0.01961 (14011608)	0.01742
(14011608)					
3745829.7	0.02814 (14011008)	0.02443 (14011008)	0.02150 (14011008)	0.01913 (14011008)	0.01717
(14011008)					
3745702.0	0.02765 (14010208)	0.02414 (14010208)	0.02132 (14010208)	0.01901 (14010208)	0.01708
(14010208)					
3745574.4	0.02512 (13010308)	0.02238 (13010308)	0.02007 (13010308)	0.01810 (13010308)	0.01641
(13010308)					
3745446.7	0.02566 (14011508)	0.02204 (14011508)	0.01901 (14011508)	0.01644 (14011508)	0.01499
(13010308)					
3745319.0	0.02521 (14012108)	0.02214 (14021408)	0.01950 (14011508)	0.01735 (14011508)	0.01541
(14011508)					
3745191.4	0.02342 (14012108)	0.02135 (14012108)	0.01917 (14012108)	0.01725 (14021408)	0.01553
(14021408)					
3745063.7	0.02216 (14122308)	0.01956 (15011908)	0.01805 (14012108)	0.01671 (14012108)	0.01529
(14012108)					
3744936.0	0.02164 (14012708)	0.01911 (14122308)	0.01705 (15011908)	0.01534 (14012108)	0.01453
(14012108)					
3744808.4	0.02044 (14012708)	0.01866 (14012708)	0.01667 (14122308)	0.01502 (15011908)	0.01366
(15011908)					

*** AERMOD - VERSION 23132 *** *** C:\Lakes\AERMOD
View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24
*** AERMET - VERSION 16216 *** *** *** 09:45:15
PAGE 89
*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***
** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD	X-COORD (METERS)				
(METERS)	379190.79	379331.84	379472.89	379613.94	379754.99

3747872.4	0.00986 (12021308)	0.00875 (12021308)	0.00821 (12010908)	0.00811 (12010908)	0.00787
(12010908)					
3747744.8	0.00969 (12021308)	0.00901 (12010908)	0.00886 (12010908)	0.00855 (12010908)	0.00839

(13020608)					
3747617.1	0.00996 (12010908)	0.00973 (12010908)	0.00940 (13020608)	0.00917 (13020608)	0.00882
(13020608)					
3747489.4	0.01076 (12010908)	0.01039 (13020608)	0.01008 (13020608)	0.00961 (13020608)	0.00904
(13020608)					
3747361.8	0.01159 (13020608)	0.01114 (13020608)	0.01051 (13020608)	0.00979 (13020608)	0.00900
(13020608)					
3747234.1	0.01237 (13020608)	0.01155 (13020608)	0.01062 (13020608)	0.00964 (13020608)	0.00865
(13020608)					
3747106.4	0.01275 (13020608)	0.01155 (13020608)	0.01034 (13020608)	0.00949 (16012608)	0.00904
(16012608)					
3746978.8	0.01259 (13020608)	0.01115 (16012608)	0.01057 (16012608)	0.00992 (13123108)	0.00954
(13123108)					
3746851.1	0.01261 (16012608)	0.01179 (13123108)	0.01125 (13123108)	0.01067 (13123108)	0.01008
(13123108)					
3746723.4	0.01356 (13123108)	0.01273 (13123108)	0.01189 (13123108)	0.01109 (13010908)	0.01036
(13010908)					
3746595.7	0.01435 (13123108)	0.01323 (13010908)	0.01219 (13010908)	0.01123 (13010908)	0.01042
(13011608)					
3746468.1	0.01464 (13010908)	0.01336 (13011608)	0.01228 (13011608)	0.01129 (13011608)	0.01040
(13011608)					
3746340.4	0.01469 (13011608)	0.01327 (13011608)	0.01201 (13011608)	0.01090 (13011608)	0.01014
(13120208)					
3746212.7	0.01433 (13120208)	0.01306 (13120208)	0.01196 (13120208)	0.01106 (14011608)	0.01036
(14011608)					
3746085.1	0.01522 (14011608)	0.01393 (14011608)	0.01282 (14011608)	0.01187 (14011608)	0.01101
(14011608)					
3745957.4	0.01573 (14011608)	0.01432 (14011608)	0.01310 (14011608)	0.01206 (14011608)	0.01115
(14011608)					
3745829.7	0.01552 (14011008)	0.01413 (14011008)	0.01295 (14011008)	0.01192 (14011008)	0.01103
(14011008)					
3745702.0	0.01546 (14010208)	0.01407 (14010208)	0.01288 (14010208)	0.01185 (14010208)	0.01096
(14010208)					
3745574.4	0.01497 (13010308)	0.01372 (14010208)	0.01265 (14010208)	0.01172 (14010208)	0.01089
(14010208)					
3745446.7	0.01387 (13010308)	0.01287 (13010308)	0.01198 (13010308)	0.01117 (13010308)	0.01044
(13010308)					
3745319.0	0.01370 (14011508)	0.01220 (14011508)	0.01086 (14011508)	0.01023 (13010308)	0.00966
(13010308)					
3745191.4	0.01409 (14011508)	0.01280 (14011508)	0.01159 (14011508)	0.01052 (14011508)	0.00954
(14011508)					
3745063.7	0.01396 (14021408)	0.01279 (14021408)	0.01174 (14011508)	0.01083 (14011508)	0.00997
(14011508)					
3744936.0	0.01359 (14012108)	0.01259 (14012108)	0.01162 (14021408)	0.01078 (14021408)	0.00997
(14021408)					
3744808.4	0.01263 (14012108)	0.01203 (14012108)	0.01134 (14012108)	0.01061 (14012108)	0.00988
(14021408)					

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

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

*** 09:45:15

PAGE 90

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , A0000153 , A0000154 , A0000155 , A0000156
,
A0000157 , A0000158 , A0000159 , A0000160 , A0000161 , A0000162 , A0000163 , A0000164
,
A0000165 , A0000166 , A0000167 , A0000168 , A0000169 , A0000170 , A0000171 , A0000172
,
A0000173 , A0000174 , A0000175 , A0000176 , A0000177 , A0000178 , A0000179 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
377157.27	3745932.86	0.79599	(14010308)	377175.10	3745925.76	0.83308	(14010308)
377190.51	3745923.94	0.84964	(14010308)	377202.87	3745925.76	0.81925	(14010308)
377221.11	3745927.18	0.79532	(12021308)	377235.71	3745925.36	0.82808	(12021308)
377246.45	3745921.91	0.87880	(13121708)	377264.08	3745921.71	0.87263	(13121708)
377280.50	3745921.71	0.88113	(12021308)	377293.87	3745920.49	0.89807	(12021308)
377310.90	3745922.12	0.87403	(12021308)	377325.29	3745926.58	0.77520	(12021308)
377343.94	3745923.33	0.65858	(13020608)	377358.73	3745923.33	0.54913	(13020608)
377371.41	3745922.05	0.49344	(13123108)	377385.69	3745925.97	0.42492	(13123108)
377143.82	3745984.97	0.52263	(14120908)	377157.60	3745985.38	0.50683	(14010308)
377187.60	3745984.97	0.48074	(14010308)	377216.78	3745985.17	0.45715	(14010308)
377248.81	3745983.15	0.43684	(13121708)	377279.62	3745983.75	0.43460	(13121708)
377322.22	3745982.87	0.43384	(12021308)	377369.00	3745982.34	0.35323	(12021308)
377097.47	3745290.81	0.08033	(12121408)	377139.52	3745293.09	0.07967	(12121408)
377174.87	3745293.09	0.07665	(13020708)	377235.18	3745291.69	0.08133	(12121108)
377299.15	3745287.76	0.08274	(12121108)	377328.61	3745289.45	0.08163	(12121108)
377359.26	3745291.56	0.07900	(12121108)	377429.46	3745982.41	0.26177	(13020608)
377469.41	3745980.43	0.21453	(13123108)	377500.10	3745981.42	0.19013	(13123108)
377531.46	3745980.10	0.16971	(13010908)	377567.44	3745977.46	0.14991	(13010908)
377600.12	3745978.12	0.13391	(13010908)	377627.85	3745979.11	0.12219	(13010908)
377705.42	3745979.77	0.09694	(13011608)	377734.46	3745977.79	0.08969	(13011608)
377780.02	3745980.43	0.07988	(13011608)	377812.36	3745978.12	0.07375	(13011608)
377856.60	3745976.14	0.06645	(13011608)	377895.22	3745974.49	0.06210	(14011608)
377735.45	3745941.48	0.09085	(14011608)	377814.34	3745942.47	0.07599	(14011608)
377773.41	3745936.53	0.08367	(14011608)	377671.09	3745939.83	0.10731	(14011608)
377634.45	3745937.52	0.11956	(13011608)	377585.60	3745941.48	0.14244	(13011608)
377572.06	3745940.16	0.14996	(13011608)	377525.85	3745939.17	0.18216	(13010908)
378905.23	3745961.79	0.01969	(14011608)	378905.83	3745921.75	0.01952	(14011608)
378887.76	3745843.80	0.01946	(14011008)	378641.43	3747296.68	0.01543	(12021308)
377346.58	3745857.72	0.83943	(13010308)	377222.46	3745780.01	0.71948	(12011908)
377185.56	3745779.45	0.88661	(12011908)	377106.17	3745766.03	0.74953	(13123008)
377287.74	3745779.61	0.67045	(12011908)	377219.40	3745700.53	0.37964	(12121108)
377324.76	3745779.63	0.62682	(14012708)	377192.94	3745640.24	0.26290	(12121108)
377124.96	3745640.98	0.26657	(12012408)				

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

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

ALL 1ST HIGHEST VALUE IS 0.02963 AT (377216.09, 3745829.72, 22.10, 22.10, 0.00) GC UCART1

2ND HIGHEST VALUE IS 0.02336 AT (377175.10, 3745925.76, 21.63, 21.63, 0.00) DC

3RD HIGHEST VALUE IS 0.02276 AT (377190.51, 3745923.94, 21.59, 21.59, 0.00) DC

4TH HIGHEST VALUE IS 0.02276 AT (377157.27, 3745932.86, 22.05, 22.05, 0.00) DC

5TH HIGHEST VALUE IS 0.02214 AT (377246.45, 3745921.91, 21.39, 21.39, 0.00) DC

6TH HIGHEST VALUE IS 0.02181 AT (377264.08, 3745921.71, 21.34, 21.34, 0.00) DC

7TH HIGHEST VALUE IS 0.02132 AT (377202.87, 3745925.76, 21.50, 21.50, 0.00) DC

8TH HIGHEST VALUE IS 0.02120 AT (377280.50, 3745921.71, 21.32, 21.32, 0.00) DC

9TH HIGHEST VALUE IS 0.02105 AT (377293.87, 3745920.49, 21.34, 21.34, 0.00) DC

10TH HIGHEST VALUE IS 0.02094 AT (377346.58, 3745857.72, 21.42, 21.42, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** AERMET - VERSION 16216 *** ** 09:45:15

PAGE 92

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL URBAN ADJ_U*

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

** CONC OF PM₁₀ IN MICROGRAMS/M**3 **

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

ALL HIGH 1ST HIGH VALUE IS 1.04222 ON 14112808: AT (377075.04, 3745829.72, 22.10, 22.10, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 23132 *** ** C:\Lakes\AERMOD

View\24_007_Torrance_Con_Mit\24_007_Torrance_Con_Mit *** 09/20/24

*** MODELOPTs: NonDEFAULT CONC ELEV FASTALL 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 1474 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1223 Calm Hours Identified

A Total of 251 Missing Hours Identified (0.57 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 1091 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1091 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

*APPENDIX C.1 – ESTIMATION OF PROJECT CONSTRUCTION DPM
EMISSIONS*

2421 W 205th Street Torrance

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule	8 hrs/day	5 days per week		
Onsite DPM Construction Emissionsss	acres: 8.212	357716.1509 SF		
Size of the Construction Area:	33,233 m2	Building Area: 143,933.000 SF		
Unit Emission Rate:	3.00906E-05 g/m2-sec	unmitigated		
		Daily Max Onsite PM10E		
Activity	Start Date	End Date	DPM Emissions lb/day	Work Days days
Demolition	9/1/2025	10/17/2025	0.1202	35
Site Preparation	10/20/2025	10/31/2025	1.9309	10
Grading	11/3/2025	11/28/2025	1.1460	20
Building Construction-2025	12/1/2025	12/31/2025	0.4663	20
Building Construction-2026	1/1/2026	10/16/2026	0.4094	210
Paving	10/19/2026	11/13/2026	0.3199	20
Architectural Coating	11/16/2026	12/11/2026	0.0309	20

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/sec)	Average Hourly DPM Area Emission (g/m2-sec)
2025	0.027881	85	0.6560	0.0820	0.0103	3.112E-07
2026	0.046490	250	0.3719	0.0465	0.0059	1.764E-07
				0.016		

g/sec
7.00E-03

g/m2-sec
2.11E-07

Offsite DPM Construction Emissionsss

Activity	Start Date	End Date	Work Days	Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Offsite DPM Vendor Truck (lb/day)	Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
Demolition	9/1/2025	10/17/2025	35	0.1270	4.445385	0.002222693	0.0000	0	0	0.0000	0	0.1270
Site Preparation	10/20/2025	10/31/2025	10	0.0000	0	0	0.0000	0	0	0.0000	0	0.0000
Grading	11/3/2025	11/28/2025	20	0.0000	0	0	0.0000	0	0	0.0000	0	0.0000
Building Construction-2025	12/1/2025	12/31/2025	20	0.0000	0	0	0.0081	0.1612	0.0000806	0.0000	0	0.0081
Building Construction-2026	1/1/2026	10/16/2026	210	0.0000	0	0	0.0081	1.692873	0.000846437	0.0000	0	0.0081
Paving	10/19/2026	11/13/2026	20	0.0000	0	0	0.0000	0	0	0.0000	0	0.0000
Architectural Coating	11/16/2026	12/11/2026	20	0.0000	0	0	0.0000	0	0	0.0000	0	0.0000
			335	0.1270	4.4454	0.0022	0.0161	1.8541	0.0009	0.0000	0.0000	0.0000

Offsite DPM Emissions (at the CalEEMod Default Trip Distances)

Year	# of Construction Days	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	Annual Emissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)
2025	85	0.002222693	0.052298647	0.006537331	0.00082443	0.0000806	0.001896471	0.000237059	2.98938E-05	0	0	0	0
2026	250	0	0	0	0	0.000846437	0.006771492	0.000846437	0.000106745	0	0	0	0

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	8
Worker	12.6

Onsite Travel Links

	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Onsite route	69.6	0.043247435	100%

Off site Travel Links (Operational Run)

	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel	
Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > East on Del Amo Blvd > N on SR-213 (Western Ave)	3759.6	2.336107134	100%	25mph
Offsite 2: SR-213 > 405 East	547.1	0.339952179	50%	
Offsite 3: SR-213 > 405 West	570.4	0.354430128	50%	

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2025 (From CalEEMod)	4.122E-05	3.737E-06	0.000E+00	4.496E-05	3.565E-04	2.852E-03
Onsite 1: Onsite route	8.914E-08	2.020E-08	0.000E+00	1.093E-07	8.670E-07	6.936E-06
2025 (Scaled for Distance and Distribution)						
Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > East on	4.815E-06	4.365E-07	0.000E+00	5.251E-06	4.164E-05	3.331E-04
Offsite 2: SR-213 > 405 East	1.750E-07	7.940E-08	0.000E+00	2.546E-07	2.019E-06	1.615E-05
Offsite 3: SR-213 > 405 West	1.826E-07	8.278E-08	0.000E+00	2.654E-07	2.105E-06	1.684E-05
2026 (from CalEEMod)	0.000E+00	1.334E-05	0.000E+00	1.334E-05	1.058E-04	8.464E-04
Onsite 1: Onsite route	0.000E+00	7.213E-08	0.000E+00	7.213E-08	5.720E-07	4.576E-06
2026 (Scaled for Distance and Distribution)						
Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > East on	0.000E+00	3.896E-06	0.000E+00	3.896E-06	3.090E-05	2.472E-04
Offsite 2: SR-213 > 405 East	0.000E+00	2.835E-07	0.000E+00	2.835E-07	2.248E-06	1.798E-05
Offsite 3: SR-213 > 405 West	0.000E+00	2.956E-07	0.000E+00	2.956E-07	2.344E-06	1.875E-05

Routing task no. 24210

Weighted Average Emissions	
Route 1	4.240E-06 g/sec
Route 2	2.762E-07 g/sec
Route 3	2.879E-07 g/sec
Onsite	8.157E-08 g/sec

Activity	Work Days	On-Site Maximum Daily DPM Emissions ⁽¹⁾ (pounds/day)	Off-Site Maximum Daily DPM Emissions ⁽¹⁾ (pounds/day)	Total Average Daily Construction Emissions (pounds/day)
2025				
Demolition	35	0.12	0.13	
Site Preparation	10	1.93	0.00	
Grading	20	1.15	0.00	
Building Construction	20	0.47	0.01	
Average Daily Construction Emissions 2025		1.9309	0.1270	2.0579
2026				
Building Construction	20	0.41	0.01	
Paving	210	0.32	0.00	
Architectural Coating	20	0.03	0.00	
Average Daily Construction Emissions 2026		0.4094	0.0081	0.4174
2025-2026 Maximum Daily Construction Emissions (pounds/day)				2.0579

2421 W 205th Street Torrance

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	33,233 m2
Unit EmissionRate:	3.00906E-05 g/m2-sec

Inputs:

Actual Onsite Emission Source			
Year	Average Hourly Emission Rate (g/m2-sec)	Weighted Avg (g/m2-sec)	
2025	3.11187E-07	Area Source: 2.11E-07	g/sec 7.00E-03
2026	1.76419E-07		
Offsite Unit Emission Source:			
	Average Hourly Emission Rate (g/sec)	Line Sources (g/sec)	
Onsite		8.15723E-08	g/sec
Offsite 1: W 205th St > S on Beach Ave		4.24018E-06	g/sec
Offsite 2: SR-213 > 405 East		2.7616E-07	g/sec
Offsite 3: SR-213 > 405 West		2.87921E-07	g/sec

Results:

Max=School	
Max=Residential	
Max= Hospital	
Max^	
Max=Worker	

Note:

(1) Based on a unit emission rate

5mph

APPENDIX C.2 – ESTIMATION OF PROJECT OPERATIONAL DPM EMISSIONS

2421 W 205th Street Torrance
Emission Assumptions

2026
DPM Emissions

1) Vehicle Emissions

(a) Truck and Auto Traffic	EMFAC2021	
(b) Location	SCAQMD	Torrance
(c) Truck Mix		
Project Trip Generation Memo		
(e) Truck Idle time:	1.5 minutes (truck idling)	
	5 total dock doors; 5 to be modeled for Project	for LHDT, MHDT, and HHDT diesel trucks)
(f) Emission factors for	DPM emissions	
(g) Emissions calculated for	2026	

2) Refrigerated Land Uses

Percentage of Buildings used for Refrigeration (applies to DSL LHDT, MHDT and HHDT)		
Land Use 1	0%	ASSUMPTION based on the % of building space devoted to cold storage
	0	0
TRU Onsite Operating Time	0.25	hours - ASSUMPTION

3) Traffic Allocation

1) Onsite travel emssions generated from vehicles traveling to building loading docks			
2) Onsite idling emissions generated only for heavy duty diesel trucks			
3) Offsite travel trips allocated in accordance with the Traffic Impact Memorandum			
Land Use 1- Warehousing	100,753	70%	100,753
Land Use 2- Manufacturing	43,180	30%	43,180
Total	143,933	100%	

4) Emission Source Configuration

- 1) Vehicle traffic represented by a line source
2) Onsite idling represented as a series of point sources to accommodate the effects of building downwash

5) Venicle Trip Lengths

Onsite Travel Links	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Onsite route	5	0.003106856	100%

Off site Travel Links (Construction Run)	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > East on Del Amo Blvd > N on SR-213 (Western Ave)	3759.6	2.336107134	100%
Offsite 2: SR-213 > 405 East	547.1	0.339952179	50%
Offsite 3: SR-213 > 405 West	570.4	0.354430128	50%

*analyzed as two lanes to be conservative

Onsite Travel Links	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Building West	85.1	0.052878688	55%
Onsite 2: Building East	75.3	0.046789251	45%
Onsite Link	18.4	0.01143323	100%

Off site Travel Links (Operational Run)	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > East on Del Amo Blvd > N on SR-213 (Western Ave)	3759.6	2.336	100%
Offsite 2: SR-213 > 405 East	547.1	0.340	50%
Offsite 3: SR-213 > 405 West	570.4	0.354	50%

6) Other Input Parameters

Facility Operations for Warehouses (hr/day):	24
Annual Operations (days/year)	365

2421 W 205th Street Torrance

Currently using VMT splits from 2-15

2026

	Building Size
Building	Total (sq-ft)
Land Use 1- Warehousing	100,753
Land Use 2- Manufacturing	43,180
Total	143,933

Trip Generation

Trip Generation Rate trips/TSF as per Traffic Trip Generation Memorandum

Land Use 1- Warehousing	1.71
Land Use 2- Manufacturing	4.75

Building	trips/day (Non-PCE)	Trips	Passenger	Truck	
Land Use 1- Warehousing	172		172	112	60
Land Use 2- Manufacturing	205		205	186	19
Total	377				

Vehicle Fleet Distribution	% Trips
Land Use 1- Warehousing	46%
Land Use 2- Manufacturing	54%

Vehicle Fleet Mix from Trip Generation Memo

Land Use 1- Warehousing

	Vehicle Distribution	Daily Trips	Building 1
LDA (Passenger Vehicles)	64.90%	112	#VALUE!
LHDT (2 axle truck)	5.86%	10	#VALUE!
MHDT(3 axle truck)	7.27%	13	#VALUE!
HHDT (4+ axle truck)	21.94%	38	#VALUE!
Total	100.0%	172	

#VALUE!

Land Use 2- Manufacturing

	Vehicle Distribution	Daily Trips	Building 1	Building 2	Building 3	Building 4	Building 5
LDA (Passenger Vehicles)	90.50%	186	C41*B31	#VALUE!	#DIV/0!	#DIV/0!	#DIV/0!
LHDT (2 axle truck)	1.59%	3	C42*B31	2	#DIV/0!	#DIV/0!	#DIV/0!
MHDT(3 axle truck)	1.97%	4	C43*B31	2	#DIV/0!	#DIV/0!	#DIV/0!
HHDT (4+ axle truck)	5.94%	12	C44*B31	7	#DIV/0!	#DIV/0!	#DIV/0!
Total	100.0%	205					

SUM(D41:D45)

#VALUE!

#DIV/0!

#DIV/0!

#DIV/0!

Passenger Vehicle Fleet Mix

	CalEEMod Default Mix	% Total	Daily Trips	Land Use 1- Warehousing	Land Use 2- Manufacturing		
LDA	49.9325%	53.0%	158	59	98	#DIV/0!	#DIV/0!
LDT1	4.3069%	4.6%	14	5	8	#DIV/0!	#DIV/0!
LDT2	23.6177%	25.1%	75	28	47	#DIV/0!	#DIV/0!
MCY	2.1704%	2.3%	7	3	4		
MDV	14.1835%	15.1%	45	17	28	#DIV/0!	#DIV/0!
Total	94.21%	100.0%	298	112	186	#DIV/0!	#DIV/0!

Light Heavy Duty Fleet Mix

	CalEEMod Default Mix	% Total	Daily Trips	% Diesel	Number of Daily Diesel Trips	Land Use 1- Warehousing	Land Use 2- Manufacturing
LHDT1	2.6537%	79.8%	11	27.14%	3	2	1
LHDT2	0.6728%	20.2%	3	54.70%	1	1	0
Total	3.33%	100.0%	13	Total	4	3	1

CalEEMod Assumption: Passenger Vehicles + "Local Trucks": LDA+LDT+MDT+LHDT w/CalEEMod default trip distances

"Local trucks"assumed to be LHDTs that are not long-distance bound

"Local trucks"assumed to be LHDTs that are not long-distance bound unlike the MHDT and HHDT vehicle classes for which a 40-mile trip

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)
LDA	158	50.7%	1.10
LDT1	14	4.4%	0.09
LDT2	75	24.0%	0.52
MCY	7	2.2%	0.05
MDV	45	14.4%	0.31
LHDT1	11	3.4%	0.07
LHDT2	3	0.9%	0.02
Total	311	100.0%	2.16

CalEEMod Assumption: Haul Trucks: MHDT +HHDT w/ trip distance of 40 miles

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)	% Diesel	Number of Daily Diesel Trips	Land Use 1- Warehousing	Land Use 2- Manufacturing
MHDT	17	24.9%	0.12	100.00%	17	8	9
HHDT	50	75.1%	0.35	100.00%	50	23	27
Total	67	100.0%	0.46	Total	67	30	36

Composite Fleet Mix	Number of Daily Trips	% Total		
LDA	158	41.8%		
LDT1	14	3.6%		
LDT2	75	19.8%		
MCY	7	1.8%		
MDV	45	11.9%		
LHDT1	11	2.8%		
LHDT2	3	0.7%		
MHDT	17	4.4%		
HHDT	50	13.3%		
Total	377	100.1%	Total	71

Total Diesel Trips

3

1

17

50

Total

0

0

0

2421 W 205th Street Torrance

Pollutant: DPM
Year: 2026

Emission Summary

Onsite Emissions		Emissions (g/sec)	Emissions (lbs/day)
ONSITE1	Onsite 1: Building West	4.97E-10	9.45E-08
ONSITE2	Onsite 2: Building East	3.60E-10	6.84E-08
ONSITE3	Onsite Link	1.95E-10	3.72E-08
Total		8.56E-10	1.63E-07

Idling Emissions		Emissions (g/sec)	Emissions (lbs/day)
IB1	Land Use 1- Warehousing	9.79E-06	1.86E-03
IB2	Land Use 2- Manufacturing	4.98E-06	9.48E-04
Total		1.48E-05	1.86E-03

8 idling truck sources modeled:

Offsite Emissions		Emissions (g/sec)	Emissions (lb/day)
OFFSITE1	Offsite 1: W 205th St > S on Beach Ave > West on W 208th > Nc	3.32E-06	6.33E-04
OFFSITE3	Offsite 2: SR-213 > 405 East	1.21E-07	2.30E-05
OFFSITE4	Offsite 3: SR-213 > 405 West	1.26E-07	2.40E-05
Total		3.57E-06	6.80E-04

		Emissions (g/sec)	Emissions (lb/day)
Total		1.83E-05	2.54E-03

the number of idling point source assumed in the calculation

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar	Vehicle Category	Model Year	Speed	Fuel	VMT		DSL-VMT	GAS-VMT	Total	%DSL	%GAS	%Total
Los Angeles (SC)	2026	LDA	Aggregate	Aggregate	Diesel	11665.95614	LDA	11665.956	3919089	3930755	0.3%	99.7%	56.1%
Los Angeles (SC)	2026	LDT1	Aggregate	Aggregate	Diesel	60.99948563	LDT1	60.999486	263358	263419	0.0%	100.0%	3.8%
Los Angeles (SC)	2026	LDT2	Aggregate	Aggregate	Diesel	4190.895088	LDT2	4190.8951	1274788	1278979	0.3%	99.7%	18.2%
Los Angeles (SC)	2026	LHDT1	Aggregate	Aggregate	Diesel	86365.47171	LHDT1	86365.472	95516	181881	47.5%	52.5%	2.6%
Los Angeles (SC)	2026	LHDT2	Aggregate	Aggregate	Diesel	39599.11978	LHDT2	39599.12	13160.7	52759.8	75.1%	24.9%	0.8%
Los Angeles (SC)	2026	MDV	Aggregate	Aggregate	Diesel	15162.24707	MDV	15162.247	929203	944365	1.6%	98.4%	13.5%
Los Angeles (SC)	2026	T6-MHDT	Aggregate	Aggregate	Diesel	86614.06531	T6-MHDT	86614.065	15912.9	102527	84.5%	15.5%	1.5%
Los Angeles (SC)	2026	T7-HHDT	Aggregate	Aggregate	Diesel	255428.8266	T7-HHDT	255428.83	25.2587	255454	99.990%	0.010%	3.6%
Los Angeles (SC)	2026	LDA	Aggregate	Aggregate	Gasoline	3919089.45							
Los Angeles (SC)	2026	LDT1	Aggregate	Aggregate	Gasoline	263358.2984	Total	499087.58	6511054	7010141	7.1%	92.9%	100.0%
Los Angeles (SC)	2026	LDT2	Aggregate	Aggregate	Gasoline	1274788.08							
Los Angeles (SC)	2026	LHDT1	Aggregate	Aggregate	Gasoline	95516.02416							
Los Angeles (SC)	2026	LHDT2	Aggregate	Aggregate	Gasoline	13160.68948							
Los Angeles (SC)	2026	MDV	Aggregate	Aggregate	Gasoline	929202.8233							
Los Angeles (SC)	2026	T6-MHDT	Aggregate	Aggregate	Gasoline	15912.92975							
Los Angeles (SC)	2026	T7-HHDT	Aggregate	Aggregate	Gasoline	25.25866888							

Source: EMFAC2021 (v1.0.2) Emissions Inventory <https://arb.ca.gov/emfac/emissions-inventory/fe0e4eba92001abed93f0101c8c2323ddc3f7656>
Region Type: Sub-Area
Region: Los Angeles (MD)
Calendar Year: 2027
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar	Vehicle Category	Model Year	Speed	Fuel	VMT	PM10_RUNEX
Los Angeles (SC)	2026	LHDT1	Aggregate		5 Diesel	441.6992731	2.8194E-05
Los Angeles (SC)	2026	LHDT2	Aggregate		5 Diesel	197.6067799	1.2860E-05
Los Angeles (SC)	2026	MHDT	Aggregate		5 Diesel	1527.171864	5.8238E-05
Los Angeles (SC)	2026	HHDT	Aggregate		5 Diesel	500.4613308	8.2027E-06
Los Angeles (SC)	2026	LHDT1	Aggregate		25 Diesel	132255.2789	4.0538E-03
Los Angeles (SC)	2026	LHDT2	Aggregate		25 Diesel	59168.17478	1.8745E-03
Los Angeles (SC)	2026	MHDT	Aggregate		25 Diesel	190836.512	1.9032E-03
Los Angeles (SC)	2026	HHDT	Aggregate		25 Diesel	191604.2227	1.4932E-03

Idling Emission Factors

calendar_year	season	n	sub_area	vehicle_class	process	speed_time	pollutant	emission_rate
	2026	Annual	Los Angeles (SC)	HHDT	IDLEX		PM10	0.014552876
	2026	Annual	Los Angeles (SC)	LHDT1	IDLEX		PM10	0.801084061
	2026	Annual	Los Angeles (SC)	LHDT2	IDLEX		PM10	0.812701284
	2026	Annual	Los Angeles (SC)	MHDT	IDLEX		PM10	0.052014571

2421 W 205th Street Torrance
Emissions from Onsite Delivery and TRU Travel
DPM Emissions

Year: 2026

Truck Operations

Divided by two because One Lane travel link
Same Trip length/Route used, analyzed over both trip rate types

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1 +LHDT2+MHDT + HHDT

													DSL Daily		DSL Daily	DSL Daily	DSL
		Trip Length	Operations	DSL Daily HHDT	DSL Daily MHDT	DSL Daily LHDT1	DSL Daily LHDT2	DSL Daily TRU	DSL Daily HHDT	DSL Daily MHDT	DSL Daily LHDT1	DSL Daily LHDT2	Total Trucks	DSL Daily TRU	Total Truck	Total Truck	Total Truck
AERMOD ID	On-Site Truck Delivery Emissions	(mi)		Trucks	Trucks	Trucks	Trucks	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)		(g/day)	(lb/day)	(g/sec)
ONSITE1	Onsite 1: Building West	0.053	24	27	9	2	1	0	1.19E-05	2.81E-05	2.37E-06	5.53E-07	4.29E-05	0.00E+00	4.29E-05	9.45E-08	4.97E-10
ONSITE2	Onsite 2: Building East	0.047	24	22	7	1	1	0	8.63E-06	2.03E-05	1.72E-06	4.00E-07	3.11E-05	0.00E+00	3.11E-05	6.84E-08	3.60E-10
ONSITE3	Onsite Link	0.011	24	50	17	3	1	0	4.69E-06	1.10E-05	9.32E-07	2.17E-07	1.69E-05	0.00E+00	1.69E-05	3.72E-08	1.95E-10
				100	33	6	3	0	2.52E-05	5.94E-05	5.02E-06	1.17E-06	9.08E-05	0.00E+00	9.08E-05	2.00E-07	1.05E-09

Operation Days = 365
Delivery Truck Hours (hrs/day) = 24
Onsite Delivery Truck Speed (mph) = 5

Daily Truck Emissions = Emission Factor (g/mi) * (Truck trips/day) * (miles/Truck Trip)

Daily TRU Emissions = Emission Rate (g/hr) * (TRU Trips/day /Speed (m/hr) * (miles/TRU Trip)

Diesel Truck Emission Factors (EMFAC2021)
2-Axle (LHDT1) = 2.82E-05
2-axle (LHDT2) 1.29E-05
3-Axle MHDT (g/mi) = 5.82E-05
4-Axle HHDT (g/mi) = 8.20E-06
Truck emissions for trucks based on EMFAC 2021 for truck speed of 5 mph SCAQMD 2026

TRU Emission Factor
TRU Emission Rate^a (g/hr) = 0.76
TRU run time during travel (hr) = Road Length (mi)/Truck Speed (mph)

Notes:
Emission factor derived from CARB EMFAC2021 model as the fleet average for SCAQMD 2026
TRU emission factor from Draft 2019 Update to Emissions Inventory for Transport Refrigeration Units (ARB 2019)

Truck Onsite Idling and TRU Operations

Average Daily Truck Deliveries																		
AERMOD ID	User/ Location	HHDTrucks	MHDTrucks	LHDTr1Trucks	LHDTr2Trucks	TRUNumber	Idle Time per hour/day	HHDTruck Emissions (g/day)	MHDTruck Emissions (g/day)	LHDTruck1 Emissions (g/day)	LHDTruck2 Emissions (g/day)	Total Truck (g/day)	TRU OP Time (hours/day/TRU)	Total TRU Emissions (g/day)	Total Emissions (g/day)	Emissions Average (lb/day)	Emissions Average (g/sec)	Area Source Emisison g/m2-sec
Truck Idling Sources																		
LU1	Land Use 1- Warehousing	23	8	2	1	0	0.250	8.30E-02	9.83E-02	4.38E-01	2.27E-01	8.46E-01	0.250	0.00E+00	8.46E-01	1.86E-03	9.79E-06	
LU2	Land Use 2- Manufacturing	27	9	1	0	0	0.250	9.88E-02	1.17E-01	1.41E-01	7.33E-02	4.31E-01	0.250	0.00E+00	4.31E-01	9.48E-04	4.98E-06	
Totals		50	17	3	1	0		8.30E-02	9.83E-02	4.38E-01	2.27E-01	8.46E-01		0.00E+00	1.28E+00	2.81E-03	1.48E-05	9.54E-12

Daily Operation =
Operation Days =
TRU Emissions
TRU Emission Rate =

24
365

0.76

per day
days/year

g/hr

Daily Truck idle emissions = Idle EF (g/hr) * idle time (min)/60 / daily hours (hr)/3600 * No. of trucks

Daily TRU emissions = TRU Emission Rate (g/hr) * TRU run time (min)/60 / Daily Hours (hr) * No. of TRUs

Diesel Diesel Truck Emission Factors

LHDTruck1 Truck Idle Emissions (g/hr)=
LHDTruck2 Truck Idle Emissions (g/hr)=
MHDTruck Truck Idle Emissions (g/hr) =
HHD Truck Idle Emissions (g/hr) =

0.8011
0.8127
0.0520
0.0146

g/hr
g/hr
g/hr
g/hr

Truck idle time (min) =
Notes:

15

min

TRU emission factor from OFFROAD2017

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for
Since the emission factors for LAC are the highest within the SCAQMD

Los Angeles County

2026

2421 W 205th Street Torrance
Emissions from Offsite Vehicle Travel

Year: 2026

Truck Operations

If Divided by two, it's because One Lane travel link

Off-Site Truck Delivery Emissions

AERMOD ID	Trip Description	Trip		Number of	Number of	Number of	Number of	Number of	HHDT	MHDT	LHDT1	LHDT2	Total Emissions			
		Length	Operations	HHDT Trips	MHDT	LHDT1	LHDT2	TRU Trips	Emissions	Emissions	Emissions	Emissions	Truck Emissions	TRU Total	Daily Total	Hourly Ave
		(mi)	(hr)	(trips/day)	(trips/day)	(trips/day)	(trips/day)	(number)	(grams/day)	(grams/day)	(grams/day)	(grams/day)	(g/day)	(grams/day)	(lbs/day)	(grams/sec)
OFFSITE1	Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North	2.336	24	50	17	3	3	0	1.74E-01	7.37E-02	2.74E-02	1.18E-02	2.87E-01	0.00E+00	6.33E-04	3.32E-06
OFFSITE3	Offsite 2: SR-213 > 405 East	0.340	24	12	4	1	1	0	6.34E-03	2.68E-03	9.96E-04	4.30E-04	1.04E-02	0.00E+00	2.30E-05	1.21E-07
OFFSITE4	Offsite 3: SR-213 > 405 West	0.354	24	12	4	1	1	0	6.61E-03	2.79E-03	1.04E-03	4.49E-04	1.09E-02	0.00E+00	2.40E-05	1.26E-07
Total									1.87E-01	7.91E-02	2.94E-02	1.27E-02	3.09E-01	0.00E+00	6.80E-04	3.57E-06

Operation Days =
Delivery Truck Hours (hrs/day) =
Delivery Truck Speed (mph) =
Diesel Truck Emission Factors (EMFAC2021)
2-axle LHDT1 (g/mi)=
2-axle LHDT2 (g/mi) =
3-Axle MHDT (g/mi) =
4-Axle HHD (g/mi) =

365
24
25

4.05E-03
1.87E-03
1.90E-03
1.49E-03

Daily Truck Emissions = Emission Factor (g/mi) * (Truck trips/day) * (miles/Truck Trip)

Daily TRU Emissions = Emission Rate (g/hr) * (TRU Trips/day /Speed (m/hr) * (miles/TRU Trip)

Truck emissions for trucks based on EMFAC 2021 for truck speed of 25 mph and SCAQMD Torrance 2026

TRU Emission Factor
TRU Emission Rate" (g/hr) = 0.76
TRU run time during travel (hr) = Road Length (mi)/Truck Speed (mph)
Notes:
TRU emission factor from OFFROAD2017

*APPENDIX C.3 – ESTIMATION OF CUMULATIVE OPERATIONAL DPM
EMISSIONS*

Cumulative Torrance Emissions
Emission Assumptions

2026
DPM Emissions

1) Vehicle Emissions

(a) Truck and Auto Traffic	EMFAC2021	
(b) Location	SCAQMD	Torrance
(c) Truck Mix		
Project Trip Generation Memo		
(e) Truck Idle time:	15 minutes (truck idling)	
	5 total dock doors; 5 to be modeled for Project	for LHDT, MHDT, and HHDT diesel trucks)
(f) Emission factors for	DPM emissions	
(g) Emissions calculated for	2026	

2) Refrigerated Land Uses

Percentage of Buildings used for Refrigeration (applies to DSL LHDT, MHDT and HHDT)		
Land Use 1	20%	ASSUMPTION based on the % of building space devoted to cold storage
	26,485	0.25
TRU Onsite Operating Time	0.25	hours - ASSUMPTION

3) Traffic Allocation

1) Onsite travel emssions generated from vehicles traveling to building loading docks			
2) Onsite idling emissions generated only for heavy duty diesel trucks			
3) Offsite travel trips allocated in accordance with the Traffic Impact Memorandum			
Land Use 1- GLI	105,940	80%	79,455
Land Use 2- Warehousing	26,485	20%	52,970
Total	132,425	100%	

4) Emission Source Configuration

- 1) Vehicle traffic represented by a line source
2) Onsite idling represented as a series of point sources to accommodate the effects of building downwash

5) Venicle Trip Lengths

Onsite Travel Links			
	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Full site circulation	402.7	0.250226179	100%

Off site Travel Links (Operational Run)			
	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel
Offsite 1: East Drvwat > S on Amapola Ave > 208th Street > N Crenshaw Blvd	526.6	0.327	50%
Offsite 2: West Drvwy > 205th St > Beech Ave > N on Crenshaw	317.2	0.197	50%
Offsite 3: N to Crenshaw	3312.6	2.058	100%

6) Other Input Parameters

Facility Operations for Warehouses (hr/day):	24
Annual Operations (days/year)	365

Cumulative Torrance Emissions

Currently using VMT splits from 2-15

2026

	Building Size
Building	Total (sq-ft)
Land Use 1 - GLI	105,940
Land Use 2- Warehousing	26,485
Total	132,425

Trip Generation

Trip Generation Rate trips/TSF as per Traffic Trip Generation Memorandum

Land Use 1 - GLI	4.87
Land Use 2- Warehousing	1.71

Building	trips/day (Non-PCE)	Trips	Passenger	Truck	
Land Use 1 - GLI	516		516	356	160
Land Use 2- Warehousing	45		45	31	14
Total	561				

Vehicle Fleet Distribution	% Trips
Land Use 1 - GLI	92%
Land Use 2- Warehousing	8%

Vehicle Fleet Mix from Trip Generation Memo

Land Use 1- GLI

	Vehicle Distribution	Daily Trips	Building 1
LDA (Passenger Vehicles)	69.00%	356	#VALUE!
LHDT (2 axle truck)	6.80%	35	#VALUE!
MHDT(3 axle truck)	5.50%	28	#VALUE!
HHDT (4+ axle truck)	18.70%	96	#VALUE!
Total	100.0%	516	

#VALUE!

Land Use 2- Warehousing

	Vehicle Distribution	Daily Trips	Building 1	Building 2	Building 3	Building 4	Building 5
LDA (Passenger Vehicles)	69.00%	31	C41*B31	#VALUE!	#DIV/0!	#DIV/0!	#DIV/0!
LHDT (2 axle truck)	6.80%	3	C42*B31	0	#DIV/0!	#DIV/0!	#DIV/0!
MHDT(3 axle truck)	5.50%	2	C43*B31	0	#DIV/0!	#DIV/0!	#DIV/0!
HHDT (4+ axle truck)	18.70%	8	C44*B31	1	#DIV/0!	#DIV/0!	#DIV/0!
Total	100.0%	45					

SUM(D41:D45)

#VALUE!

#DIV/0!

#DIV/0!

#DIV/0!

Passenger Vehicle Fleet Mix

	CalEEMod Default Mix	% Total	Daily Trips	Land Use 1- GLI	Land Use 2- Warehousing		
LDA	49.9325%	53.0%	205	189	17	#DIV/0!	#DIV/0!
LDT1	4.3069%	4.6%	18	16	1	#DIV/0!	#DIV/0!
LDT2	23.6177%	25.1%	97	89	8	#DIV/0!	#DIV/0!
MCY	2.1704%	2.3%	9	8	1		
MDV	14.1835%	15.1%	58	54	5	#DIV/0!	#DIV/0!
Total	94.21%	100.0%	387	356	31	#DIV/0!	#DIV/0!

Light Heavy Duty Fleet Mix

	CalEEMod Default Mix	% Total	Daily Trips	% Diesel	Number of Daily Diesel Trips	Number of Diesel Daily Trips	
						Land Use 1- GLI	Land Use 2- Warehousing
LHDT1	2.6537%	79.8%	30	28.87%	9	8	1
LHDT2	0.6728%	20.2%	8	47.64%	4	3	0
Total	3.33%	100.0%	38	Total	12	11	1

CalEEMod Assumption: Passenger Vehicles + "Local Trucks": LDA+LDT+MDT+LHDT w/CalEEMod default trip distances

"Local trucks"assumed to be LHDTs that are not long-distance bound

"Local trucks"assumed to be LHDTs that are not long-distance bound unlike the MHDT and HHDT vehicle classes for which a 40-mile trip

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)
LDA	205	48.2%	1.55
LDT1	18	4.2%	0.13
LDT2	97	22.8%	0.73
MCY	9	2.1%	0.07
MDV	58	13.7%	0.44
LHDT1	30	7.2%	0.23
LHDT2	8	1.8%	0.06
Total	425	100.0%	3.21

CalEEMod Assumption: Haul Trucks: MHDT +HHDT w/ trip distance of 40 miles

Fleet Mix	Total Trips	%Total	Daily Trip Rate (Trips/TSF)	% Diesel	Number of Daily Diesel Trips	Land Use 1- GLI	Land Use 2- Warehousing
MHDT	31	22.7%	0.23	100.00%	31	28	2
HHDT	105	77.3%	0.79	100.00%	105	96	8
Total	136	100.0%	1.03	Total	136	125	11

Composite Fleet Mix	Number of Daily Trips	% Total		
LDA	205	36.6%		
LDT1	18	3.2%		
LDT2	97	17.3%		
MCY	9	1.6%		
MDV	58	10.4%		
LHDT1	30	5.4%	Total Diesel Trips	9
LHDT2	8	1.4%		4
MHDT	31	5.5%		31
HHDT	105	18.7%		105
Total	561	100.0%	Total	148

Total

0

0

0

Cumulative Torrance Emissions

Pollutant: DPM
Year: 2026

Emission Summary

Onsite Emissions		Emissions (g/sec)	Emissions (lbs/day)
ONSITE1	Onsite 1: Full site circulation	1.30135E-05	2.48E-03
Total		1.30E-05	2.48E-03

Idling Emissions		Emissions (g/sec)	Emissions (lbs/day)
IB1	Land Use 1- GLI	9.55E-05	1.82E-02
IB2	Land Use 2- Warehousing	7.55E-06	1.44E-03
Total		1.03E-04	1.82E-02
10 idling truck sources modeled:		1.03E-05	

the number of idling point source assumed in the calculation

Offsite Emissions		Emissions (g/sec)	Emissions (lb/day)
OFFSITE1	Offsite 1: East Drvwat > S on Amapola Ave > 208th Street > N Cre	1.32E-06	2.52E-04
OFFSITE3	Offsite 2: West Drvwy > 205th St > Beech Ave > N on Crenshaw	7.97E-07	1.52E-04
OFFSITE4	Offsite 3: N to Crenshaw	2.845985E-05	5.42E-03
Total		3.06E-05	5.82E-03

		Emissions (g/sec)	Emissions (lb/day)
Total		1.47E-04	2.65E-02

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar	Vehicle Category	Model Year	Speed	Fuel	VMT		DSL-VMT	GAS-VMT	Total	%DSL	%GAS	%Total
Los Angeles (SC)	2026	LDA	Aggregate	Aggregate	Diesel	11665.95614	LDA	11665.956	3919089	3930755	0.3%	99.7%	56.1%
Los Angeles (SC)	2026	LDT1	Aggregate	Aggregate	Diesel	60.99948563	LDT1	60.999486	263358	263419	0.0%	100.0%	3.8%
Los Angeles (SC)	2026	LDT2	Aggregate	Aggregate	Diesel	4190.895088	LDT2	4190.8951	1274788	1278979	0.3%	99.7%	18.2%
Los Angeles (SC)	2026	LHDT1	Aggregate	Aggregate	Diesel	86365.47171	LHDT1	86365.472	95516	181881	47.5%	52.5%	2.6%
Los Angeles (SC)	2026	LHDT2	Aggregate	Aggregate	Diesel	39599.11978	LHDT2	39599.12	13160.7	52759.8	75.1%	24.9%	0.8%
Los Angeles (SC)	2026	MDV	Aggregate	Aggregate	Diesel	15162.24707	MDV	15162.247	929203	944365	1.6%	98.4%	13.5%
Los Angeles (SC)	2026	T6-MHDT	Aggregate	Aggregate	Diesel	86614.06531	T6-MHDT	86614.065	15912.9	102527	84.5%	15.5%	1.5%
Los Angeles (SC)	2026	T7-HHDT	Aggregate	Aggregate	Diesel	255428.8266	T7-HHDT	255428.83	25.2587	255454	99.990%	0.010%	3.6%
Los Angeles (SC)	2026	LDA	Aggregate	Aggregate	Gasoline	3919089.45	Total	499087.58	6511054	7010141	7.1%	92.9%	100.0%
Los Angeles (SC)	2026	LDT1	Aggregate	Aggregate	Gasoline	263358.2984							
Los Angeles (SC)	2026	LDT2	Aggregate	Aggregate	Gasoline	1274788.08							
Los Angeles (SC)	2026	LHDT1	Aggregate	Aggregate	Gasoline	95516.02416							
Los Angeles (SC)	2026	LHDT2	Aggregate	Aggregate	Gasoline	13160.68948							
Los Angeles (SC)	2026	MDV	Aggregate	Aggregate	Gasoline	929202.8233							
Los Angeles (SC)	2026	T6-MHDT	Aggregate	Aggregate	Gasoline	15912.92975							
Los Angeles (SC)	2026	T7-HHDT	Aggregate	Aggregate	Gasoline	25.25866888							

Source: EMFAC2021 (v1.0.2) Emissions Inventory <https://arb.ca.gov/emfac/emissions-inventory/fe0e4eba92001abed93f0101c8c2323ddc3f7656>
Region Type: Sub-Area
Region: Los Angeles (MD)
Calendar Year: 2027
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar	Vehicle Category	Model Year	Speed	Fuel	VMT	PM10_RUNEX
Los Angeles (SC)	2026	LHDT1	Aggregate	5	Diesel	441.6992731	2.81945E-05
Los Angeles (SC)	2026	LHDT2	Aggregate	5	Diesel	197.6067799	1.28604E-05
Los Angeles (SC)	2026	MHDT	Aggregate	5	Diesel	1527.171864	5.82376E-05
Los Angeles (SC)	2026	HHDT	Aggregate	5	Diesel	500.4613308	8.20269E-06
Los Angeles (SC)	2026	LHDT1	Aggregate	25	Diesel	132255.2789	0.00405381
Los Angeles (SC)	2026	LHDT2	Aggregate	25	Diesel	59168.17478	0.001874529
Los Angeles (SC)	2026	MHDT	Aggregate	25	Diesel	190836.512	0.001903243
Los Angeles (SC)	2026	HHDT	Aggregate	25	Diesel	191604.2227	0.001493204

Idling Emission Factors

calendar_year	season_r	sub_area	vehicle_class	process	speed_time	pollutant	emission_rate
	2026	Annual	Los Angeles (SC)	HHDT	IDLEX	PM10	0.014552876
	2026	Annual	Los Angeles (SC)	LHDT1	IDLEX	PM10	0.801084061
	2026	Annual	Los Angeles (SC)	LHDT2	IDLEX	PM10	0.812701284
	2026	Annual	Los Angeles (SC)	MHDT	IDLEX	PM10	0.052014571

Emissions from Onsite Delivery and TRU Travel

DPM Emissions

Year: 2026

Truck Operations

Assumption: Number of TRUs = % Cold Storage x Number of DSL LHDT1+LHDT2+MHDT + HHDT

													DSL Daily				DSL Daily	DSL Daily	DSL
		Trip Length	Operations	HHDT	MHDT	LHDT1	LHDT2	TRU	HHDT	MHDT	LHDT1	LHDT2	Total	DSL Daily	Total	Total	Total		
AERMOD ID	On-Site Truck Delivery Emissions	(mi)		Trucks	Trucks	Trucks	Trucks	Trucks	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(g/day)	(lb/day)	(g/sec)		
ONSITE1	Onsite 1: Full site circulation	0.250	24	105	31	9	4	29	2.15E-04	4.50E-04	6.20E-05	1.18E-05	7.39E-04	1.12E+00	1.12E+00	2.48E-03	1.30E-05		
				105	31	9	4	29	2.15E-04	4.50E-04	6.20E-05	1.18E-05	7.39E-04	1.12E+00	1.12E+00	2.48E-03	1.30E-05		

Operation Days =	365
Delivery Truck Hours (hrs/day) =	24
Onsite Delivery Truck Speed (mph) =	5

$$\text{Daily Truck Emissions} = \text{Emission Factor (g/mi)} * (\text{Truck trips/day}) * (\text{miles/Truck Trip})$$
$$\text{Daily TRU Emissions} = \text{Emission Rate (g/hr)} * (\text{TRU Trips/day} / \text{Speed (m/hr)} * (\text{miles/TRU Trip}))$$

Diesel Truck Emission Factors (EMFAC2021)

2-Axle (LHDT1) =	2.82E-05		
2-axle (LHDT2)	1.29E-05		
3-Axle MHDT (g/mi) =	5.82E-05		
4-Axle HHDT (g/mi) =	8.20E-06		
Truck emissions for trucks based on EMFAC 2021 for truck speed of 5 mph	SCAQMD	2026	

TRU Emission Factor
$$\text{TRU Emission Rate}^a \text{ (g/hr)} = 0.77$$

$$\text{TRU run time during travel (hr)} = \text{Road Length (mi)} / \text{Truck Speed (mph)}$$

Notes:

Emission factor derived from CARB EMFAC2021 model as the fleet average for SCAQMD	2026
TRU emission factor from Draft 2019 Update to Emissions Inventory for Transport Refrigeration Units (ARB 2019)	

Truck Onsite Idling and TRU Operations

Average Daily Truck Deliveries																		
AERMOD ID	User/ Location	HHDTrucks	MHDTrucks	LHDTr1 Trucks	LHDTr2 Trucks	TRU Number	Idle Time per hour/ Truck	HHDTruck Emissions (g/day)	MHDTruck Emissions (g/day)	LHDTruck1 Emissions (g/day)	LHDTruck2 Emissions (g/day)	Total Truck (g/day)	TRU OP Time (hours/day/TRU)	Total TRU Emissions (g/day)	Total Emissions (g/day)	Emissions Average (lb/day)	Emissions Average (g/sec)	Area Source Emision g/m2-sec
Truck Idling Sources																		
LU1	Land Use 1- GLI	96	28	8	3	27	0.250	3.51E-01	3.69E-01	1.62E+00	6.87E-01	3.02E+00	0.250	5.23E+00	8.25E+00	1.82E-02	9.55E-05	
LU2	Land Use 2- Warehousing	8	2	1	0	2	0.250	3.08E-02	3.24E-02	1.42E-01	6.03E-02	2.66E-01	0.250	3.87E-01	6.53E-01	1.44E-03	7.55E-06	
Totals		105	31	9	4	29		3.51E-01	3.69E-01	1.62E+00	6.87E-01	3.02E+00		5.23E+00	8.90E+00	1.96E-02	1.03E-04	7.23E-11

Daily Operation = 24 per day
Operation Days = 365 days/year

TRU Emissions

TRU Emission Rate = 0.77 g/hr

Daily Truck idle emissions = Idle EF (g/hr) * idle time (min)/60 / daily hours (hr)/3600 * No. of trucks

Daily TRU emissions = TRU Emission Rate (g/hr) * TRU run time (min)/60 / Daily Hours (hr) * No. of TRUs

Diesel Diesel Truck Emission Factors

LHDTruck1 Idle Emissions (g/hr)= 0.8011 g/hr
LHDTruck2 Idle Emissions (g/hr)= 0.8127 g/hr
MHDTruck Idle Emissions (g/hr) = 0.0520 g/hr
HHDTruck Idle Emissions (g/hr) = 0.0146 g/hr

Truck idle time (min) = 15 min

Notes:

TRU emission factor from OFFROAD2017

Idling emission factor derived from CARB EMFAC2021 model as the fleet average for Los Angeles County 2026

Since the emission factors for LAC are the highest within the SCAQMD

Cumulative Torrance Emissions
Emissions from Offsite Vehicle Travel

Year: 2026

Truck Operations

If Divided by two, it's because One Lane travel link

Off-Site Truck Delivery Emissions

AERMOD ID	Trip Description	Trip	Operations	Number of	Number of	Number of	Number of	Number of	HHDT	MHDT	LHDT1	LHDT2	Total Emissions			
		Length		HHDT Trips	MHDT	LHDT1	LHDT2	TRU Trips	Emissions	Emissions	Emissions	Emissions	Truck Emissions	TRU Total	Daily Total	Hourly Ave
		(mi)	(hr)	(trips/day)	(trips/day)	(trips/day)	(trips/day)	(number)	(grams/day)	(grams/day)	(grams/day)	(grams/day)	(g/day)	(grams/day)	(lbs/day)	(grams/sec)
OFFSITE1	Offsite 1: East Drvwat > S on Amapola Ave > 208th Street > N Crenshaw	0.327	24	52	15	4	4	7	2.56E-02	9.61E-03	5.83E-03	2.37E-03	4.34E-02	7.09E-02	2.52E-04	1.32E-06
OFFSITE3	Offsite 2: West Drvwy > 205th St > Beech Ave > N on Crenshaw	0.197	24	52	15	4	4	7	1.54E-02	5.79E-03	3.51E-03	1.43E-03	2.62E-02	4.27E-02	1.52E-04	7.97E-07
OFFSITE4	Offsite 3: N to Crenshaw	2.058	24	105	31	9	8	30	3.23E-01	1.21E-01	7.33E-02	2.98E-02	5.47E-01	1.91E+00	5.42E-03	2.85E-05
Total									3.64E-01	1.36E-01	8.27E-02	3.36E-02	6.16E-01	2.03E+00	5.82E-03	3.06E-05

Operation Days =
Delivery Truck Hours (hrs/day) =
Delivery Truck Speed (mph) =
Diesel Truck Emission Factors (EMFAC2021)
2-axle LHDT1 (g/mi)=
2-axle LHDT2 (g/mi) =
3-Axle MHDT (g/mi) =
4-Axle HHD (g/mi) =

365
24
25
4.05E-03
1.87E-03
1.90E-03
1.49E-03

Daily Truck Emissions = Emission Factor (g/mi) * (Truck trips/day) * (miles/Truck Trip)

Daily TRU Emissions = Emission Rate (g/hr) * (TRU Trips/day /Speed (m/hr) * (miles/TRU Trip)

Truck emissions for trucks based on EMFAC 2021 for truck speed of 25 mph and

SCAQMD Torrance 2026

TRU Emission Factor

TRU Emission Rate" (g/hr) =

TRU run time during travel (hr) =

Notes:

TRU emission factor from OFFROAD2017

0.77

Road Length (mi)/Truck Speed (mph)

*APPENDIX C.4 – ESTIMATION OF MITIGATED PROJECT CONSTRUCTION
DPM EMISSIONS*

2421 W 205th Street Torrance

Construction DPM Emissions
Data Source: CalEEMod Project Output

Work Schedule

8 hrs/day

5 days per week

Onsite DPM Construction Emissionss

acres: 8.212

357,716.151 SF

Size of the Construction Area:

33,233 m2

Unit Emission Rate:

3.00906E-05 g/m2-sec

CalEEMod Default Construction Vehicle Trip Length

Vehicle

Distance
(miles)

Haul Truck
Vendor Truck
Worker

20
10.2
18.5

Activity	Start Date	End Date	Daily Max Onsite PM10E		Work Days days	DPM Emissions (lbs)	DPM Emissions (tons)
			DPM Emissions lb/day				
Demolition	9/1/2025	10/17/2025	0.1720		35	6.02	0.003010
Site Preparation	10/20/2025	10/31/2025	0.1041		10	1.04	0.000520
Grading	11/3/2025	11/28/2025	0.0822		20	1.64	0.000822
Building Construction-2025	12/1/2025	12/31/2025	0.1174		20	2.35	0.001174
Building Construction-2026	1/1/2026	10/16/2026	0.1106		210	23.22	0.011610
Paving	10/19/2026	11/13/2026	0.0976		20	1.95	0.000976
Architectural Coating	11/16/2026	12/11/2026	0.0309		20	0.62	0.000309
			0.7146367		335	36.841	0.110

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/sec)	Average Hourly DPM Area Emission (g/m2-sec)
2025	0.002516072	85	0.0592	0.0074	0.0009	2.808E-08
2026	0.012894329	250	0.1032	0.0129	0.0016	4.893E-08
				0.003		

→

4.89E-08

Offsite DPM Construction Emissionss

Activity	Start Date	End Date	Work Days	Daily Max Onsite PM10E		Offsite DPM Haul Truck (lb/day)	Offsite DPM Haul Truck (pounds)	Offsite DPM Haul Truck tons	Daily Max Onsite PM10E		Offsite DPM Vendor Truck (pounds)	Offsite DPM Vendor Trucks (tons)	Daily Max Onsite PM10E		Offsite DPM Worker Vehicles (lb/day)	Offsite DPM Worker Vehicles (pounds)	Offsite DPM Worker Vehicles (tons)
				Offsite DPM Haul Truck (lb/day)					Offsite DPM Vendor Truck (lb/day)				Offsite DPM Vendor Truck (pounds)				
Demolition	9/1/2025	10/17/2025	35	0.1270		4.445385	0.002222693	0.0000	0.0000		0	0	0.0000		0	0	0
Site Preparation	10/20/2025	10/31/2025	10	0.0000		0	0	0.0000	0		0	0	0.0000		0	0	0
Grading	11/3/2025	11/28/2025	20	0.1553		3.106312	0.001553156	0.0000	0		0	0	0.0000		0	0	0
Building Construction - 2025	12/1/2025	12/31/2025	20	0.0000		0	0	0.0081	0.161226		0.000080613	0.0000	0		0	0	0
Building Constriction - 2026	1/1/2026	10/16/2026	210	0.0000		0	0	0.0081	1.692873		0.000846437	0.0000	0		0	0	0
Paving	10/19/2026	11/13/2026	20	0.0000		0	0	0.0000	0		0	0	0.0000		0	0	0
Architectural Coating	11/16/2026	12/11/2026	20	0.0000		0	0	0.0000	0		0	0	0.0000		0	0	0
			335	0.2823266		7.551697	0.003775849	0.0161226	1.854099		0.00092705	0	0		0	0	0

Offsite DPM Emissions (at the CalEEMOD Default Trip Distances)

Year	# of Construction Days	Haul Trucks				Vendor Trucks				Worker Vehicles			
		AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)	AnnualEmissions (tons/year)	Average Daily (lb/day)	Average Hourly (lb/hr)	Average Hourly (g/sec)
2025	85	0.003775849	0.088843494	0.011105437	0.001400519	0.000080613	0.001896776	0.000237097	2.990006E-05	0	0	0	0
2026	250	0	0	0	0	0.000846437	0.006771492	0.000846437	0.000106745	0	0	0	0

3.70E-03

CalEEMod Construction Vehicle Trip Length

Vehicle	Distance (miles)
Haul Truck	20
Vendor Truck	8
Worker	12.6

Assumed Construction Trip Distance in AERMOD

0.683 mile from AERMOD Emission Source Data

Onsite Travel Links	Travel Distance (m)	Trip Distance (mi)	% of Truck Travel
Onsite 1: Onsite route	69.6	0.043247435	1

5mph

Off site Travel Links (Operational Run)	Travel Distance (m)	Travel Distance (mi)	% of Truck Travel

North on Crenshaw Blvd > East on Del Amo Blvd > N on SR-213	3759.6	2.336107134	100%
Offsite 2: SR-213 > 405 East	547.1	0.339952179	50%
Offsite 3: SR-213 > 405 West	570.4	0.354430128	50%
0	0	0	0%

Offsite Scaled DPM Emissions to AERMOD Trip Distance

Year	Haul Trucks (g/sec)	Vendor Trucks (g/sec)	Worker Vehicles (g/sec)	Total (g/sec)	Total (lb/hr)	Total (lb/day)
2025 (From CalEEMod)	4.12215E-05	3.73697E-06	0.00E+00	4.496E-05	3.565E-04	2.852E-03
Onsite 1: Onsite route	8.91362E-08	2.02018E-08	0.00E+00	1.093E-07	8.670E-07	6.936E-06
2025 (Scaled for Distance and Distribution)						
Offsite 1: W 205th St > S on Beach Ave > West on W 208th	4.81489E-06	4.36498E-07	0.00E+00	5.251E-06	4.164E-05	3.331E-04
Offsite 2: SR-213 > 405 East	1.75167E-07	7.93994E-08	0.00E+00	2.546E-07	2.019E-06	1.615E-05
Offsite 3: SR-213 > 405 West	1.82627E-07	8.27809E-08	0.00E+00	2.654E-07	2.105E-06	1.684E-05
0	0.000E+00	0.000E+00	0.00E+00	0.000E+00	0.000E+00	0.000E+00
2026 (from CalEEMod)	0.00E+00	1.33431E-05	0.00E+00	1.334E-05	1.058E-04	8.464E-04
Onsite 1: Onsite route	0.00E+00	7.2132E-08	0.00E+00	7.213E-08	5.720E-07	4.576E-06
2026 (Scaled for Distance and Distribution)						
Offsite 1: W 205th St > S on Beach Ave > West on W 208th	0.000E+00	3.896E-06	0.000E+00	3.896E-06	3.090E-05	2.472E-04
Offsite 2: SR-213 > 405 East	0.000E+00	2.835E-07	0.000E+00	2.835E-07	2.248E-06	1.798E-05
Offsite 3: SR-213 > 405 West	0.000E+00	2.956E-07	0.000E+00	2.956E-07	2.344E-06	1.875E-05
0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

Weighted Average Emissions

Weighted Average Emissions	
Route 1	4.240E-06 g/sec
Route 2	2.762E-07 g/sec
Route 3	2.879E-07 g/sec
Route 4	0.000E+00 g/sec
Onsite	8.157E-08

2421 W 205th Street Torrance

Mitigated

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area

Unit EmissionRate:

33,233 m2

3.00906E-05 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)		
2025	2.80821E-08	Area Source: 4.89E-08		
2026	4.89309E-08			1.62E-07
Offsite Unit Emission Source:			0.001 g/sec	
Year	Average Hourly Emission Rate (g/sec)		New 60mi Inputs (g/sec)	
		Onsite	<u>8.15723E-08</u>	g/sec
		Offsite 1: W 205th St > S on Beach Ave > West on W 2	<u>4.24018E-06</u>	g/sec
		Offsite 2: SR-213 > 405 East	<u>2.7616E-07</u>	g/sec
		Offsite 3: SR-213 > 405 West	<u>2.87921E-07</u>	g/sec

Results:

Max School=	0.00003
Max Residential=	0.04647
Max Hospital=	0
Max Sensitive Receptor=	0.04647
Max Worker=	0.34021

Note:
(1) Based on a unit emission rate

APPENDIX D.1 – ESTIMATION OF CONSTRUCTION HEALTH RISK

205th St Torrance

Exposure Durations During Construction

	Start	End	Days	% Year
Calendar Construction Days	9/1/2025	11/28/2026	453	1.24
3rd Trimester (2025)	9/1/2025	12/1/2025	91	0.25
0-1 year (2025)	12/1/2025	12/31/2025	30	0.08
0-1 year (2026)	1/1/2026	11/28/2026	331	0.91

1.24 0.99

14.86027

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area

Unit EmissionRate:

33,184 m2

3.01347E-05 g/m2-sec

Inputs:

Actual Onsite Emission Source			
Year	Average Hourly Emission Rate (g/m2-sec)	Weighted Avg (g/m2-sec)	
2025	2.07899E-08	Area Source: 2.43E-07	g/sec 8.06E-03
2026	5.0696E-09		
2027	3.43344E-10		
Offsite Unit Emission Source:			
Year	Average Hourly Emission Rate (g/sec)		
	Onsite		New 60mi Inputs (g/sec) 8.15723E-08 g/sec
	Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > Ea		4.24018E-06 g/sec
	Offsite 2: SR-213 > 405 East		2.7616E-07 g/sec
	Offsite 3: SR-213 > 405 West		2.87921E-07 g/sec

Results:

Max School=	0
Max Residential=	0.09983
Max Hospital=	0
Max Sensitive Receptor=	0.09983
Max Worker=	0.09084

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	12.55	10	Yes
Maximum Impacted Sensitive Receptor – Child	12.55	10	Yes
Maximum Impacted Sensitive Receptor – Adult	0.33	10	No
Maximum Impacted Worker Receptor	0.28	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)	0.020	1	No
Maximum Impacted Sensitive Receptor – Adult	0.020	1	No
Maximum Impacted Worker Receptor	0.02	1	No

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			12.5507	0.0200
Maximum Period DPM Concentration		9.98E-02 ug/m3		

		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)
Year	Year									
3rd Trimester	2025	0.09983	1.1	361	0.25	250	25550	1.00	10	0.967072
1	2025	0.09983	1.1	1,090	0.08	250	25550	1.00	10	0.962626
2	2026	0.09983	1.1	1,090	0.91	250	25550	1.00	10	10.620977
3	2027	0.00000	1.1							0.00
4	2028	0.00000	1.1							0.00
5	2029	0.00000	1.1							0.00
6	2030	0.00000	1.1							0.00
7	2031	0.00000	1.1							0.00
8	2032	0.00000	1.1							0.00
9	2033	0.00000	1.1							0.00
10	2034	0.00000	1.1							0.00
11	2035	0.00000	1.1							0.00
12	2036	0.00000	1.1							0.00
13	2037	0.00000	1.1							0.00
14	2038	0.00000	1.1							0.00
15	2039	0.00000	1.1							0.00
16	2040	0.00000	1.1							0.00
17	2041	0.00000	1.1							0.00
18	2042	0.00000	1.1							0.00
19	2043	0.00000	1.1							0.00
20	2044	0.00000	1.1							0.00
21	2045	0.00000	1.1							0.00
22	2046	0.00000	1.1							0.00
23	2047	0.00000	1.1							0.00
24	2048	0.00000	1.1							0.00
25	2049	0.00000	1.1							0.00
26	2050	0.00000	1.1							0.00
27	2051	0.00000	1.1							0.00
28	2052	0.00000	1.1							0.00
29	2053	0.00000	1.1							0.00
30	2054	0.00000	1.1							0.00

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Child	9-year Exposure	Total Cancer risk
Maximum Period DPM Concentration		0.09983 ug/m3	12.5507

		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)
Year	Year									
3rd Trimester	2025	0.09983	1.1	361	0.25	250	25550	1.0	10	0.97
1	2025	0.09983	1.1	1090	0.08	250	25550	1.0	10	0.96
2	2026	0.09983	1.1	1090	0.91	250	25550	1.0	10	10.62
3	2027	0.00000	1.1							0.00
4	2028	0.00000	1.1							0.00
5	2029	0.00000	1.1							0.00
6	2030	0.00000	1.1							0.00
7	2031	0.00000	1.1							0.00
8	2032	0.00000	1.1							0.00
9	2033	0.00000	1.1							0.00

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
Maximum Period DPM Concentration		0.09983 ug/m3		0.325399

		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)
Year	Year									
1	2025	0.09983	1.1	335	0.33	250	25550	0.7	1	0.09
2	2026	0.09983	1.1	335	0.91	250	25550	0.7	1	0.24
3	2027	0.00000	1.1							0.00
4	2028	0.00000	1.1							0.00
5	2029	0.00000	1.1							0.00
6	2030	0.00000	1.1							0.00
7	2031	0.00000	1.1							0.00
8	2032	0.00000	1.1							0.00
9	2033	0.00000	1.1							0.00
10	2034	0.00000	1.1							0.00
11	2035	0.00000	1.1							0.00
12	2036	0.00000	1.1							0.00
13	2037	0.00000	1.1							0.00
14	2038	0.00000	1.1							0.00
15	2039	0.00000	1.1							0.00
16	2040	0.00000	1.1							0.00
17	2041	0.00000	1.1							0.00
18	2042	0.00000	1.1							0.00
19	2043	0.00000	1.1							0.00
20	2044	0.00000	1.1							0.00
21	2045	0.00000	1.1							0.00
22	2046	0.00000	1.1							0.00
23	2047	0.00000	1.1							0.00
24	2048	0.00000	1.1							0.00
25	2049	0.00000	1.1							0.00
26	2050	0.00000	1.1							0.00
27	2051	0.00000	1.1							0.00
28	2052	0.00000	1.1							0.00
29	2053	0.00000	1.1							0.00
30	2054	0.00000	1.1							0.00

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure								Total Cancer risk		
										0.28	0.018	
Maximum Period DPM Concentration		0.09084 ug/m3										
		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)		
Year	Year											
1	2025	0.09084	1.1	230	0.33	250	25550	1.0	1	0.07		
2	2026	0.09084	1.1	230	0.91	250	25550	1.0	1	0.20		
3	2027	0.00000	1.1							0.00		
4	2028	0.00000								0.00		
5	2029	0.00000								0.00		
6	2030	0.00000								0.00		
7	2031	0.00000								0.00		
8	2032	0.00000								0.00		
9	2033	0.00000								0.00		
10	2034	0.00000								0.00		
11	2035	0.00000								0.00		
12	2036	0.00000								0.00		
13	2037	0.00000								0.00		
14	2038	0.00000								0.00		
15	2039	0.00000								0.00		
16	2040	0.00000								0.00		
17	2041	0.00000								0.00		
18	2042	0.00000								0.00		
19	2043	0.00000								0.00		
20	2044	0.00000								0.00		
21	2045	0.00000								0.00		
22	2046	0.00000								0.00		
23	2047	0.00000								0.00		
24	2048	0.00000								0.00		
25	2049	0.00000								0.00		

APPENDIX D.2 – ESTIMATION OF MITIGATED CONSTRUCTION HEALTH RISK

205th St Torrance

Unmitigated

Updated 7.30.2024

Annual DPM Concentrations at Maximum Impacted Sensitive and Worker Receptor

Onsite Unit Emission Source Rate

Size of Construction Area	33,184 m2
Unit EmissionRate:	3.01347E-05 g/m2-sec

Inputs:

Actual Onsite Emission Source			
Year	Average Hourly Emission Rate (g/m2-sec)	Weighted Avg (g/m2-sec)	
2025	2.07899E-08	Area Source: 4.90E-08	
2026	5.0696E-09		
2027	3.43344E-10		
Offsite Unit Emission Source:			
Year	Average Hourly Emission Rate (g/sec)		
		Onsite	New 60mi Inputs 5.93037E-09 g/sec
		Offsite 1: W 205th St > S on Beach Ave > West on W 2	4.06708E-06 g/sec
		Offsite 2: SR-213 > 405 East	3.21903E-07 g/sec
		Offsite 3: SR-213 > 405 West	3.35613E-07 g/sec

Results:

Max School=	0
Max Residential=	0.02336
Max Hospital=	0
Max Sensitive Receptor=	0.02336
Max Worker=	0.02094

Mitigated Construction

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	2.94	10	No
Maximum Impacted Sensitive Receptor – Adult	0.08	10	No
Maximum Impacted Worker Receptor	0.06	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)	0.005	1	No
Maximum Impacted Sensitive Receptor – Adult	0.005	1	No
Maximum Impacted Worker Receptor	0.00	1	No

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Total Cancer risk	HI
			2.9368	0.0047
Maximum Period DPM Concentration		2.34E-02 ug/m3		

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2025	0.02336	1.1	361	0.25	250	25550	1.00	10	0.226293
1	2025	0.02336	1.1	1,090	0.08	250	25550	1.00	10	0.225252
2	2026	0.02336	1.1	1,090	0.91	250	25550	1.00	10	2.485285
3	2027	0.00000	1.1							0.00
4	2028	0.00000	1.1							0.00
5	2029	0.00000	1.1							0.00
6	2030	0.00000	1.1							0.00
7	2031	0.00000	1.1							0.00
8	2032	0.00000	1.1							0.00
9	2033	0.00000	1.1							0.00
10	2034	0.00000	1.1							0.00
11	2035	0.00000	1.1							0.00
12	2036	0.00000	1.1							0.00
13	2037	0.00000	1.1							0.00
14	2038	0.00000	1.1							0.00
15	2039	0.00000	1.1							0.00
16	2040	0.00000	1.1							0.00
17	2041	0.00000	1.1							0.00
18	2042	0.00000	1.1							0.00
19	2043	0.00000	1.1							0.00
20	2044	0.00000	1.1							0.00
21	2045	0.00000	1.1							0.00
22	2046	0.00000	1.1							0.00
23	2047	0.00000	1.1							0.00
24	2048	0.00000	1.1							0.00
25	2049	0.00000	1.1							0.00
26	2050	0.00000	1.1							0.00
27	2051	0.00000	1.1							0.00
28	2052	0.00000	1.1							0.00
29	2053	0.00000	1.1							0.00
30	2054	0.00000	1.1							0.00

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Child	9-year Exposure	Total Cancer risk
Maximum Period DPM Concentration		0.02336 ug/m3	2.9368

		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)
Year	Year									
3rd Trimester	2025	0.02336	1.1	361	0.25	250	25550	1.0	10	0.23
1	2025	0.02336	1.1	1090	0.08	250	25550	1.0	10	0.23
2	2026	0.02336	1.1	1090	0.91	250	25550	1.0	10	2.49
3	2027	0.00000	1.1							0.00
4	2028	0.00000	1.1							0.00
5	2029	0.00000	1.1							0.00
6	2030	0.00000	1.1							0.00
7	2031	0.00000	1.1							0.00
8	2032	0.00000	1.1							0.00
9	2033	0.00000	1.1							0.00

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
Maximum Period DPM Concentration		0.02336	ug/m3	0.076143

		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)
Year	Year									
1	2025	0.02336	1.1	335	0.33	250	25550	0.7	1	0.02
2	2026	0.02336	1.1	335	0.91	250	25550	0.7	1	0.06
3	2027	0.00000	1.1							0.00
4	2028	0.00000	1.1							0.00
5	2029	0.00000	1.1							0.00
6	2030	0.00000	1.1							0.00
7	2031	0.00000	1.1							0.00
8	2032	0.00000	1.1							0.00
9	2033	0.00000	1.1							0.00
10	2034	0.00000	1.1							0.00
11	2035	0.00000	1.1							0.00
12	2036	0.00000	1.1							0.00
13	2037	0.00000	1.1							0.00
14	2038	0.00000	1.1							0.00
15	2039	0.00000	1.1							0.00
16	2040	0.00000	1.1							0.00
17	2041	0.00000	1.1							0.00
18	2042	0.00000	1.1							0.00
19	2043	0.00000	1.1							0.00
20	2044	0.00000	1.1							0.00
21	2045	0.00000	1.1							0.00
22	2046	0.00000	1.1							0.00
23	2047	0.00000	1.1							0.00
24	2048	0.00000	1.1							0.00
25	2049	0.00000	1.1							0.00
26	2050	0.00000	1.1							0.00
27	2051	0.00000	1.1							0.00
28	2052	0.00000	1.1							0.00
29	2053	0.00000	1.1							0.00
30	2054	0.00000	1.1							0.00

205th St Torrance

No Mitigation

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure								Total Cancer risk		
										0.06	0.004	
Maximum Period DPM Concentration		0.02094 ug/m3										
		Maximum DPM	CPF	DBR	ED	EF	AT	TAH	ASF	Operational Risk		
Year	Year	(ug/m3)	(mg/kg-day)^-1	(l/kg-day)	(years)	(days)	(years)	(%)		(risk/million)		
1	2025	0.02094	1.1	230	0.33	250	25550	1.0	1	0.02		
2	2026	0.02094	1.1	230	0.91	250	25550	1.0	1	0.05		
3	2027	0.00000	1.1							0.00		
4	2028	0.00000								0.00		
5	2029	0.00000								0.00		
6	2030	0.00000								0.00		
7	2031	0.00000								0.00		
8	2032	0.00000								0.00		
9	2033	0.00000								0.00		
10	2034	0.00000								0.00		
11	2035	0.00000								0.00		
12	2036	0.00000								0.00		
13	2037	0.00000								0.00		
14	2038	0.00000								0.00		
15	2039	0.00000								0.00		
16	2040	0.00000								0.00		
17	2041	0.00000								0.00		
18	2042	0.00000								0.00		
19	2043	0.00000								0.00		
20	2044	0.00000								0.00		
21	2045	0.00000								0.00		
22	2046	0.00000								0.00		
23	2047	0.00000								0.00		
24	2048	0.00000								0.00		
25	2049	0.00000								0.00		

APPENDIX D.3 – ESTIMATION OF OPERATIONAL HEALTH RISK

205th St Torrance

Pollutant: DPM
Year: 2026

Emission Summary

Onsite Emissions		Emissions (g/sec)	Emissions (lbs/day)
ONSITE1	Onsite 1: Building West	4.97E-10	9.45E-08
ONSITE2	Onsite 2: Building East	3.60E-10	6.84E-08
ONSITE3	Onsite Link	1.95E-10	3.72E-08
Total		8.56E-10	1.63E-07
Idling Emissions		Emissions (g/sec)	Emissions (lbs/day)
IB1	Land Use 1- Warehousing	9.79E-06	1.86E-03
IB2	Land Use 2- Manufacturing	4.98E-06	9.48E-04
Total		1.48E-05	0.001863588
8 idling truck sources modeled:		1.84706E-06	
Offsite Emissions		Emissions (g/sec)	Emissions (lb/day)
OFFSITE1	Offsite 1: W 205th St > S on Beach Ave > West on W 208th > North on Crenshaw Blvd > E	3.32E-06	6.33E-04
OFFSITE2	Offsite 2: SR-213 > 405 East	0.00E+00	0.00E+00
OFFSITE3	Offsite 3: SR-213 > 405 West	0.00E+00	0.00E+00
Total		3.57144E-06	0.000679674

Max Period Concentration

MAX VALUES	
Max School=	-
Max Residential=	0.00106
Max Hospital=	-
Max Sensitive Receptor=	0.00106
Max Worker=	0.00126

Operational HR:

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	0.76	10	No
Maximum Impacted Sensitive Receptor – Child	0.53	10	No
Maximum Impacted Sensitive Receptor – Adult	0.12	10	No
Maximum Impacted Worker Receptor	0.11	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)	0.000	1	No
Maximum Impacted Sensitive Receptor – Child	0.000	1	No
Maximum Impacted Sensitive Receptor – Adult	0.000	1	No
Maximum Impacted Worker Receptor	0.02	1	No

Combined:

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	13.37	10	Yes
Maximum Impacted Worker Receptor	0.69	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?

Combined Mitigated:

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	3.76	10	No
Maximum Impacted Worker Receptor	0.21	10	No

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure		Total Cancer risk	Chronic Non-cancer Hazard
				0.761	0.000212
Annual DPM Concentration at Max Impacted Sensiive Receptor			0.001060 ug/m3		

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2026	0.00106	1.1	361	0.25	350	25550	1	10	0.01
	1 2026	0.00106	1.1	1,090	0.1	350	25550	1	10	0.01
	2 2027	0.00106	1.1	1,090	1	350	25550	1	10	0.17
	3 2028	0.00106	1.1	745	1	350	25550	1	3	0.04
	4 2029	0.00106	1.1	745	1	350	25550	1	3	0.04
	5 2030	0.00106	1.1	745	1	350	25550	1	3	0.04
	6 2031	0.00106	1.1	745	1	350	25550	1	3	0.04
	7 2032	0.00106	1.1	745	1	350	25550	1	3	0.04
	8 2033	0.00106	1.1	745	1	350	25550	1	3	0.04
	9 2034	0.00106	1.1	745	1	350	25550	1	3	0.04
	10 2035	0.00106	1.1	745	1	350	25550	1	3	0.04
	11 2036	0.00106	1.1	745	1	350	25550	1	3	0.04
	12 2037	0.00106	1.1	745	1	350	25550	1	3	0.04
	13 2038	0.00106	1.1	745	1	350	25550	1	3	0.04
	14 2039	0.00106	1.1	745	1	350	25550	1	3	0.04
	15 2040	0.00106	1.1	745	1	350	25550	1	3	0.04
	16 2041	0.00106	1.1	745	1	350	25550	1	3	0.04
	17 2042	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	18 2043	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	19 2044	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	20 2045	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	21 2046	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	22 2047	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	23 2048	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	24 2049	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	25 2050	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	26 2051	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	27 2052	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	28 2053	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	29 2054	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	30 2055	0.00106	1.1	335	1	350	25550	0.73	1	0.00
	30 2026	0.00106	1.1	335	0.9	350	25550	0.73	1	0.00

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	Child (9 years)	Total Cancer risk 0.529
Annual DPM Concentration at Max Impacted Sensiive Receptor			0.001060 ug/m3

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (U/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2026	0.00106	1.1	361	0.25	350	25550	1	10	0.01
	2026	0.00106	1.1	1090	0.08	350	25550	1	10	0.01
	2027	0.00106	1.1	1090	1	350	25550	1	10	0.17
	2028	0.00106	1.1	861	1	350	25550	1	3	0.04
	2029	0.00106	1.1	861	1	350	25550	1	3	0.04
	2030	0.00106	1.1	861	1	350	25550	1	3	0.04
	2031	0.00106	1.1	861	1	350	25550	1	3	0.04
	2032	0.00106	1.1	861	1	350	25550	1	3	0.04
	2033	0.00106	1.1	861	1	350	25550	1	3	0.04
	2034	0.00106	1.1	861	1	350	25550	1	3	0.04
9	2035	0.00106	1.1	861	0.92	350	25550	1	3	0.04

205th St Torrance

0

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk
				0.117
Annual DPM Concentration at Max Impacted Sensitive Receptor				0.00106 ug/m3

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (U/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
1	2026	0.00106	1.1	335	0.33	350	25550	0.73	1	0.00
2	2027	0.00106	1.1	335	1	350	25550	0.73	1	0.00
3	2028	0.00106	1.1	335	1	350	25550	0.73	1	0.00
4	2029	0.00106	1.1	335	1	350	25550	0.73	1	0.00
5	2030	0.00106	1.1	335	1	350	25550	0.73	1	0.00
6	2031	0.00106	1.1	335	1	350	25550	0.73	1	0.00
7	2032	0.00106	1.1	335	1	350	25550	0.73	1	0.00
8	2033	0.00106	1.1	335	1	350	25550	0.73	1	0.00
9	2034	0.00106	1.1	335	1	350	25550	0.73	1	0.00
10	2035	0.00106	1.1	335	1	350	25550	0.73	1	0.00
11	2036	0.00106	1.1	335	1	350	25550	0.73	1	0.00
12	2037	0.00106	1.1	335	1	350	25550	0.73	1	0.00
13	2038	0.00106	1.1	335	1	350	25550	0.73	1	0.00
14	2039	0.00106	1.1	335	1	350	25550	0.73	1	0.00
15	2040	0.00106	1.1	335	1	350	25550	0.73	1	0.00
16	2041	0.00106	1.1	335	1	350	25550	0.73	1	0.00
17	2042	0.00106	1.1	335	1	350	25550	0.73	1	0.00
18	2043	0.00106	1.1	335	1	350	25550	0.73	1	0.00
19	2044	0.00106	1.1	335	1	350	25550	0.73	1	0.00
20	2045	0.00106	1.1	335	1	350	25550	0.73	1	0.00
21	2046	0.00106	1.1	335	1	350	25550	0.73	1	0.00
22	2047	0.00106	1.1	335	1	350	25550	0.73	1	0.00
23	2048	0.00106	1.1	335	1	350	25550	0.73	1	0.00
24	2049	0.00106	1.1	335	1	350	25550	0.73	1	0.00
25	2050	0.00106	1.1	335	1	350	25550	0.73	1	0.00
26	2051	0.00106	1.1	335	1	350	25550	0.73	1	0.00
27	2052	0.00106	1.1	335	1	350	25550	0.73	1	0.00
28	2053	0.00106	1.1	335	1	350	25550	0.73	1	0.00
29	2054	0.00106	1.1	335	1	350	25550	0.73	1	0.00
30	2055	0.00106	1.1	335	1	350	25550	0.73	1	0.00
30	2056	0.00106	1.1	335	0.67	350	25550	0.73	1	0.00

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure		Total Cancer risk	Chronic Non-cancer Hazard
				0.106	0.0213
Annual DPM Concentration at Max Impacted Sensitive Receptor		0.00126 ug/m3			

		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	2026	0.00126	1.1	230	0.33	350	25550	1	0.00
2	2027	0.00126	1.1	230	1	350	25550	1	0.00
3	2028	0.00126	1.1	230	1	350	25550	1	0.00
4	2029	0.00126	1.1	230	1	350	25550	1	0.00
5	2030	0.00126	1.1	230	1	350	25550	1	0.00
6	2031	0.00126	1.1	230	1	350	25550	1	0.00
7	2032	0.00126	1.1	230	1	350	25550	1	0.00
8	2033	0.00126	1.1	230	1	350	25550	1	0.00
9	2034	0.00126	1.1	230	1	350	25550	1	0.00
10	2035	0.00126	1.1	230	1	350	25550	1	0.00
11	2036	0.00126	1.1	230	1	350	25550	1	0.00
12	2037	0.00126	1.1	230	1	350	25550	1	0.00
13	2038	0.00126	1.1	230	1	350	25550	1	0.00
14	2039	0.00126	1.1	230	1	350	25550	1	0.00
15	2040	0.00126	1.1	230	1	350	25550	1	0.00
16	2041	0.00126	1.1	230	1	350	25550	1	0.00
17	2042	0.00126	1.1	230	1	350	25550	1	0.00
18	2043	0.00126	1.1	230	1	350	25550	1	0.00
19	2044	0.00126	1.1	230	1	350	25550	1	0.00
20	2045	0.00126	1.1	230	1	350	25550	1	0.00
21	2046	0.00126	1.1	230	1	350	25550	1	0.00
22	2047	0.00126	1.1	230	1	350	25550	1	0.00
23	2048	0.00126	1.1	230	1	350	25550	1	0.00
24	2049	0.00126	1.1	230	1	350	25550	1	0.00
25	2050	0.00126	1.1	230	1	350	25550	1	0.00
25	2051	0.00126	1.1	230	0.67	350	25550	1	0.00

*APPENDIX D.4 – ESTIMATION OF COMBINED CONSTRUCTION AND
OPERATIONAL HEALTH RISK AND MITIGATED COMBINED HEALTH RISK*

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Residential	30-year Exposure							Total Cancer risk	Chronic Non-cancer Hazard
		Construction:	0.09983							13.369	0.019966
		Operational:	0.00106								
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)	
3rd Trimester	2025	0.09983	1.1	361	0.25	250	25550	1	10	0.97	Construction
1	2025	0.09983	1.1	1090	0.08	250	25550	1	10	0.96	
2	2026	0.09983	1.1	1090	0.91	250	25550	1	10	10.62	
2	2026	0.00106	1.1	1090	0.71	350	25550	1	10	0.12	
3	2027	0.00106	1.1	1090	1	350	25550	1	10	0.17	
4	2028	0.00106	1.1	745	1	350	25550	1	3	0.04	
5	2029	0.00106	1.1	745	1	350	25550	1	3	0.04	
6	2030	0.00106	1.1	745	1	350	25550	1	3	0.04	
7	2031	0.00106	1.1	745	1	350	25550	1	3	0.04	
8	2032	0.00106	1.1	745	1	350	25550	1	3	0.04	
9	2033	0.00106	1.1	745	1	350	25550	1	3	0.04	
10	2034	0.00106	1.1	745	1	350	25550	1	3	0.04	
11	2035	0.00106	1.1	745	1	350	25550	1	3	0.04	
12	2036	0.00106	1.1	745	1	350	25550	1	3	0.04	
13	2037	0.00106	1.1	745	1	350	25550	1	3	0.04	Operation
14	2038	0.00106	1.1	745	1	350	25550	1	3	0.04	
15	2039	0.00106	1.1	745	1	350	25550	1	3	0.04	
16	2040	0.00106	1.1	745	1	350	25550	1	3	0.04	
17	2041	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
18	2042	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
19	2043	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
20	2044	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
21	2045	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
22	2046	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
23	2047	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
24	2048	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
25	2049	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
26	2050	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
27	2051	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
28	2052	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
29	2053	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
30	2054	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
30	2055	0.00106	1.1	335	0.5	350	25550	0.73	1	0.00	

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Worker	25-year Exposure							Total Cancer risk	Chronic Non-cancer Hazard
		Construction:	0.09084							0.688	0.018168
		Operational:	0.00126								
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)		
Year	Year										
1	2025	0.09084	1.1	230	0.75	250	25550	1	0.17		
2	2026	0.09084	1.1	230	1	250	25550	1	0.22	Construction	
3	2027	0.09084	1.1	230	1	250	25550	1	0.22		
4	2028	0.00126	1.1	230	1	250	25550	1	0.00		
5	2029	0.00126	1.1	230	1	250	25550	1	0.00		
6	2030	0.00126	1.1	230	1	250	25550	1	0.00		
7	2031	0.00126	1.1	230	1	250	25550	1	0.00		
8	2032	0.00126	1.1	230	1	250	25550	1	0.00		
9	2033	0.00126	1.1	230	1	250	25550	1	0.00		
10	2034	0.00126	1.1	230	1	250	25550	1	0.00		
11	2035	0.00126	1.1	230	1	250	25550	1	0.00		
12	2036	0.00126	1.1	230	1	250	25550	1	0.00		
13	2037	0.00126	1.1	230	1	250	25550	1	0.00		
14	2038	0.00126	1.1	230	1	250	25550	1	0.00		
15	2039	0.00126	1.1	230	1	250	25550	1	0.00	Operation	
16	2040	0.00126	1.1	230	1	250	25550	1	0.00		
17	2041	0.00126	1.1	230	1	250	25550	1	0.00		
18	2042	0.00126	1.1	230	1	250	25550	1	0.00		
19	2043	0.00126	1.1	230	1	250	25550	1	0.00		
20	2044	0.00126	1.1	230	1	250	25550	1	0.00		
21	2045	0.00126	1.1	230	1	250	25550	1	0.00		
22	2046	0.00126	1.1	230	1	250	25550	1	0.00		
23	2047	0.00126	1.1	230	1	250	25550	1	0.00		
24	2048	0.00126	1.1	230	1	250	25550	1	0.00		
25	2049	0.00126	1.1	230	1	250	25550	1	0.00		
25	2050	0.00126	1.1	230	0.25	250	25550	1	0.00		

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Residential	30-year Exposure							Total Cancer risk	Chronic Non-cancer Hazard
		Construction:	0.02336							3.755	0.004672
		Operational:	0.00106								
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)	
3rd Trimester	2025	0.02336	1.1	361	0.25	250	25550	1	10	0.23	Construction
1	2025	0.02336	1.1	1090	0.08	250	25550	1	10	0.23	
2	2026	0.02336	1.1	1090	0.91	250	25550	1	10	2.49	
2	2026	0.00106	1.1	1090	0.71	350	25550	1	10	0.12	
3	2027	0.00106	1.1	1090	1	350	25550	1	10	0.17	
4	2028	0.00106	1.1	745	1	350	25550	1	3	0.04	
5	2029	0.00106	1.1	745	1	350	25550	1	3	0.04	
6	2030	0.00106	1.1	745	1	350	25550	1	3	0.04	
7	2031	0.00106	1.1	745	1	350	25550	1	3	0.04	
8	2032	0.00106	1.1	745	1	350	25550	1	3	0.04	
9	2033	0.00106	1.1	745	1	350	25550	1	3	0.04	
10	2034	0.00106	1.1	745	1	350	25550	1	3	0.04	
11	2035	0.00106	1.1	745	1	350	25550	1	3	0.04	
12	2036	0.00106	1.1	745	1	350	25550	1	3	0.04	
13	2037	0.00106	1.1	745	1	350	25550	1	3	0.04	Operation
14	2038	0.00106	1.1	745	1	350	25550	1	3	0.04	
15	2039	0.00106	1.1	745	1	350	25550	1	3	0.04	
16	2040	0.00106	1.1	745	1	350	25550	1	3	0.04	
17	2041	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
18	2042	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
19	2043	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
20	2044	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
21	2045	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
22	2046	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
23	2047	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
24	2048	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
25	2049	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
26	2050	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
27	2051	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
28	2052	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
29	2053	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
30	2054	0.00106	1.1	335	1	350	25550	0.73	1	0.00	
30	2055	0.00106	1.1	335	0.5	350	25550	0.73	1	0.00	

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Worker	25-year Exposure							Total Cancer risk	Chronic Non-cancer Hazard
		Construction:	0.02094							0.212	0.004188
		Operational:	0.00126								
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)		
Year	Year										
1	2025	0.02094	1.1	230	0.75	250	25550	1	0.04		
2	2026	0.02094	1.1	230	1	250	25550	1	0.05	Construction	
3	2027	0.02094	1.1	230	1	250	25550	1	0.05		
4	2028	0.00126	1.1	230	1	250	25550	1	0.00		
5	2029	0.00126	1.1	230	1	250	25550	1	0.00		
6	2030	0.00126	1.1	230	1	250	25550	1	0.00		
7	2031	0.00126	1.1	230	1	250	25550	1	0.00		
8	2032	0.00126	1.1	230	1	250	25550	1	0.00		
9	2033	0.00126	1.1	230	1	250	25550	1	0.00		
10	2034	0.00126	1.1	230	1	250	25550	1	0.00		
11	2035	0.00126	1.1	230	1	250	25550	1	0.00		
12	2036	0.00126	1.1	230	1	250	25550	1	0.00		
13	2037	0.00126	1.1	230	1	250	25550	1	0.00		
14	2038	0.00126	1.1	230	1	250	25550	1	0.00		
15	2039	0.00126	1.1	230	1	250	25550	1	0.00	Operation	
16	2040	0.00126	1.1	230	1	250	25550	1	0.00		
17	2041	0.00126	1.1	230	1	250	25550	1	0.00		
18	2042	0.00126	1.1	230	1	250	25550	1	0.00		
19	2043	0.00126	1.1	230	1	250	25550	1	0.00		
20	2044	0.00126	1.1	230	1	250	25550	1	0.00		
21	2045	0.00126	1.1	230	1	250	25550	1	0.00		
22	2046	0.00126	1.1	230	1	250	25550	1	0.00		
23	2047	0.00126	1.1	230	1	250	25550	1	0.00		
24	2048	0.00126	1.1	230	1	250	25550	1	0.00		
25	2049	0.00126	1.1	230	1	250	25550	1	0.00		
25	2050	0.00126	1.1	230	0.25	250	25550	1	0.00		

APPENDIX D.5 – ESTIMATION OF CUMULATIVE OPERATIONAL HEALTH RISK

205th St Torrance

Pollutant: DPM
Year: 2026

Emission Summary

Onsite Emissions		Emissions (g/sec)	Emissions (lbs/day)
ONSITE1	Onsite 1: Full site circulation	1.30E-05	2.48E-03
	Total	1.30E-05	2.48E-03

Idling Emissions		Emissions (g/sec)	Emissions (lbs/day)
IB1	Land Use 1- GLI	9.55E-05	1.82E-02
IB2	Land Use 2- Warehousing	7.55E-06	1.44E-03
	Total	1.03E-04	0.01817387
10 idling truck sources modeled:		1.03051E-05	

Offsite Emissions		Emissions (g/sec)	Emissions (lb/day)
OFFSITE1	Offsite 1: East Drvwat > S on Amapola Ave > 208th Street > N Crenshaw Blvd	1.32E-06	2.52E-04
OFFSITE2	Offsite 2: West Drvwy > 205th St > Beech Ave > N on Crenshaw	7.97E-07	1.52E-04
OFFSITE3	Offsite 3: N to Crenshaw	2.85E-05	5.42E-03
	Total	3.05811E-05	0.005819841

Max Period Concentration

MAX VALUES	
Max School=	-
Max Residential=	0.00870
Max Hospital=	-
Max Sensitive Receptor=	0.00870
Max Worker=	0.01003

Cumulative

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	6.24	10	No
Maximum Impacted Sensitive Receptor – Child	4.35	10	No
Maximum Impacted Sensitive Receptor – Adult	0.96	10	No
Maximum Impacted Worker Receptor	0.85	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)	0.002	1	No
Maximum Impacted Sensitive Receptor – Child	0.002	1	No
Maximum Impacted Sensitive Receptor – Adult	0.002	1	No
Maximum Impacted Worker Receptor	0.17	1	No

Combined Construction and Operational Cumulative:

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	19.27	10	Yes
Maximum Impacted Worker Receptor	1.17	10	No
Receptor	Chronic Non-Cancer Hazard Index		Exceeds Significance Threshold?

Mitigated Combined Construction and Op Cumulative

Receptor	Cancer Risk (per million)		Exceeds Significance Threshold?
	Maximum Lifetime Proposed Project Risk	Significance Threshold	
Maximum Impacted Sensitive Receptor – Infant to Adult (30 years)	9.65	10	No
Maximum Impacted Worker Receptor	0.70	10	No

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure		Total Cancer risk	Chronic Non-cancer Hazard
				6.245	0.001740
Annual DPM Concentration at Max Impacted Sensiive Receptor			0.008700 ug/m3		

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
3rd Trimester	2026	0.00870	1.1	361	0.25	350	25550	1	10	0.12
	2026	0.00870	1.1	1,090	0.1	350	25550	1	10	0.12
	2027	0.00870	1.1	1,090	1	350	25550	1	10	1.43
	2028	0.00870	1.1	745	1	350	25550	1	3	0.29
	2029	0.00870	1.1	745	1	350	25550	1	3	0.29
	2030	0.00870	1.1	745	1	350	25550	1	3	0.29
	2031	0.00870	1.1	745	1	350	25550	1	3	0.29
	2032	0.00870	1.1	745	1	350	25550	1	3	0.29
	2033	0.00870	1.1	745	1	350	25550	1	3	0.29
	2034	0.00870	1.1	745	1	350	25550	1	3	0.29
	2035	0.00870	1.1	745	1	350	25550	1	3	0.29
	2036	0.00870	1.1	745	1	350	25550	1	3	0.29
	2037	0.00870	1.1	745	1	350	25550	1	3	0.29
	2038	0.00870	1.1	745	1	350	25550	1	3	0.29
	2039	0.00870	1.1	745	1	350	25550	1	3	0.29
	2040	0.00870	1.1	745	1	350	25550	1	3	0.29
	2041	0.00870	1.1	745	1	350	25550	1	3	0.29
	2042	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2043	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2044	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2045	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2046	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2047	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2048	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2049	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2050	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2051	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2052	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2053	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2054	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2055	0.00870	1.1	335	1	350	25550	0.73	1	0.03
	2026	0.00870	1.1	335	0.9	350	25550	0.73	1	0.03

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	Child (9 years)	Total Cancer risk 4.345
Annual DPM Concentration at Max Impacted Sensiive Receptor			0.008700 ug/m3

Maximum										Operational
		DPM	CPF	DBR	ED	EF	AT	TAH		Risk
Year	Year	(ug/m3)	(mg/kg-day)^-1	(l/kg-day)	(years)	(days)	(years)	(%)	ASF	(risk/million)
3rd Trimester	2026	0.00870	1.1	361	0.25	350	25550	1	10	0.12
	2026	0.00870	1.1	1090	0.08	350	25550	1	10	0.12
	2027	0.00870	1.1	1090	1	350	25550	1	10	1.43
	2028	0.00870	1.1	861	1	350	25550	1	3	0.34
	2029	0.00870	1.1	861	1	350	25550	1	3	0.34
	2030	0.00870	1.1	861	1	350	25550	1	3	0.34
	2031	0.00870	1.1	861	1	350	25550	1	3	0.34
	2032	0.00870	1.1	861	1	350	25550	1	3	0.34
	2033	0.00870	1.1	861	1	350	25550	1	3	0.34
	2034	0.00870	1.1	861	1	350	25550	1	3	0.34
2035	0.00870	1.1	861	0.92	350	25550	1	3	0.31	

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Residential	30-year Exposure	Adult	Total Cancer risk 0.962
Annual DPM Concentration at Max Impacted Sensitive Receptor				0.00870 ug/m3

		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	DBR (U/kg-day)	ED (years)	EF (days)	AT (years)	TAH (%)	ASF	Operational Risk (risk/million)
Year	Year									
1	2026	0.00870	1.1	335	0.33	350	25550	0.73	1	0.01
2	2027	0.00870	1.1	335	1	350	25550	0.73	1	0.03
3	2028	0.00870	1.1	335	1	350	25550	0.73	1	0.03
4	2029	0.00870	1.1	335	1	350	25550	0.73	1	0.03
5	2030	0.00870	1.1	335	1	350	25550	0.73	1	0.03
6	2031	0.00870	1.1	335	1	350	25550	0.73	1	0.03
7	2032	0.00870	1.1	335	1	350	25550	0.73	1	0.03
8	2033	0.00870	1.1	335	1	350	25550	0.73	1	0.03
9	2034	0.00870	1.1	335	1	350	25550	0.73	1	0.03
10	2035	0.00870	1.1	335	1	350	25550	0.73	1	0.03
11	2036	0.00870	1.1	335	1	350	25550	0.73	1	0.03
12	2037	0.00870	1.1	335	1	350	25550	0.73	1	0.03
13	2038	0.00870	1.1	335	1	350	25550	0.73	1	0.03
14	2039	0.00870	1.1	335	1	350	25550	0.73	1	0.03
15	2040	0.00870	1.1	335	1	350	25550	0.73	1	0.03
16	2041	0.00870	1.1	335	1	350	25550	0.73	1	0.03
17	2042	0.00870	1.1	335	1	350	25550	0.73	1	0.03
18	2043	0.00870	1.1	335	1	350	25550	0.73	1	0.03
19	2044	0.00870	1.1	335	1	350	25550	0.73	1	0.03
20	2045	0.00870	1.1	335	1	350	25550	0.73	1	0.03
21	2046	0.00870	1.1	335	1	350	25550	0.73	1	0.03
22	2047	0.00870	1.1	335	1	350	25550	0.73	1	0.03
23	2048	0.00870	1.1	335	1	350	25550	0.73	1	0.03
24	2049	0.00870	1.1	335	1	350	25550	0.73	1	0.03
25	2050	0.00870	1.1	335	1	350	25550	0.73	1	0.03
26	2051	0.00870	1.1	335	1	350	25550	0.73	1	0.03
27	2052	0.00870	1.1	335	1	350	25550	0.73	1	0.03
28	2053	0.00870	1.1	335	1	350	25550	0.73	1	0.03
29	2054	0.00870	1.1	335	1	350	25550	0.73	1	0.03
30	2055	0.00870	1.1	335	1	350	25550	0.73	1	0.03
30	2056	0.00870	1.1	335	0.67	350	25550	0.73	1	0.02

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance	Worker	25-year Exposure		Total Cancer risk	Chronic Non-cancer Hazard
				0.846	0.1692
Annual DPM Concentration at Max Impacted Sensitive Receptor		0.01003 ug/m3			

		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	2026	0.01003	1.1	230	0.33	350	25550	1	0.01
2	2027	0.01003	1.1	230	1	350	25550	1	0.03
3	2028	0.01003	1.1	230	1	350	25550	1	0.03
4	2029	0.01003	1.1	230	1	350	25550	1	0.03
5	2030	0.01003	1.1	230	1	350	25550	1	0.03
6	2031	0.01003	1.1	230	1	350	25550	1	0.03
7	2032	0.01003	1.1	230	1	350	25550	1	0.03
8	2033	0.01003	1.1	230	1	350	25550	1	0.03
9	2034	0.01003	1.1	230	1	350	25550	1	0.03
10	2035	0.01003	1.1	230	1	350	25550	1	0.03
11	2036	0.01003	1.1	230	1	350	25550	1	0.03
12	2037	0.01003	1.1	230	1	350	25550	1	0.03
13	2038	0.01003	1.1	230	1	350	25550	1	0.03
14	2039	0.01003	1.1	230	1	350	25550	1	0.03
15	2040	0.01003	1.1	230	1	350	25550	1	0.03
16	2041	0.01003	1.1	230	1	350	25550	1	0.03
17	2042	0.01003	1.1	230	1	350	25550	1	0.03
18	2043	0.01003	1.1	230	1	350	25550	1	0.03
19	2044	0.01003	1.1	230	1	350	25550	1	0.03
20	2045	0.01003	1.1	230	1	350	25550	1	0.03
21	2046	0.01003	1.1	230	1	350	25550	1	0.03
22	2047	0.01003	1.1	230	1	350	25550	1	0.03
23	2048	0.01003	1.1	230	1	350	25550	1	0.03
24	2049	0.01003	1.1	230	1	350	25550	1	0.03
25	2050	0.01003	1.1	230	1	350	25550	1	0.03
25	2051	0.01003	1.1	230	0.67	350	25550	1	0.02

*APPENDIX D.6 – ESTIMATION OF COMBINED CONSTRUCTION AND
CUMULATIVE OPERATIONAL HEALTH RISK AND MITIGATED COMBINED
CUMULATIVE HEALTH RISK*

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Residential	30-year Exposure								Total	Chronic Non-cancer
		Construction:	0.09983								Cancer risk	Hazard
		Operational:	0.00870								19.268	0.019966
		Maximum									Operational	
		DPM	CPF	DBR	ED	EF	AT	TAH	ASF	Risk		
Year	Year	(ug/m3)	(mg/kg-day)^-1	(l/kg-day)	(years)	(days)	(years)	(%)		(risk/million)		
3rd Trimester	2025	0.09983	1.1	361	0.25	250	25550	1	10	0.97	Construction	
1	2025	0.09983	1.1	1090	0.08	250	25550	1	10	0.96		
2	2026	0.09983	1.1	1090	0.91	250	25550	1	10	10.62		
2	2026	0.00870	1.1	1090	0.71	350	25550	1	10	1.01		
3	2027	0.00870	1.1	1090	1	350	25550	1	10	1.43		
4	2028	0.00870	1.1	745	1	350	25550	1	3	0.29		
5	2029	0.00870	1.1	745	1	350	25550	1	3	0.29		
6	2030	0.00870	1.1	745	1	350	25550	1	3	0.29		
7	2031	0.00870	1.1	745	1	350	25550	1	3	0.29		
8	2032	0.00870	1.1	745	1	350	25550	1	3	0.29		
9	2033	0.00870	1.1	745	1	350	25550	1	3	0.29		
10	2034	0.00870	1.1	745	1	350	25550	1	3	0.29		
11	2035	0.00870	1.1	745	1	350	25550	1	3	0.29		
12	2036	0.00870	1.1	745	1	350	25550	1	3	0.29		
13	2037	0.00870	1.1	745	1	350	25550	1	3	0.29		
14	2038	0.00870	1.1	745	1	350	25550	1	3	0.29		
15	2039	0.00870	1.1	745	1	350	25550	1	3	0.29		
16	2040	0.00870	1.1	745	1	350	25550	1	3	0.29		
17	2041	0.00870	1.1	335	1	350	25550	0.73	1	0.03	Operation	
18	2042	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
19	2043	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
20	2044	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
21	2045	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
22	2046	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
23	2047	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
24	2048	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
25	2049	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
26	2050	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
27	2051	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
28	2052	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
29	2053	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
30	2054	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
30	2055	0.00870	1.1	335	0.5	350	25550	0.73	1	0.02		

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Worker	25-year Exposure							Total Cancer risk	Chronic Non-cancer Hazard
		Construction:	0.09084							1.171	0.018168
		Operational:	0.01003								
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)		
Year	Year										
1	2025	0.09084	1.1	230	0.75	250	25550	1	0.17		
2	2026	0.09084	1.1	230	1	250	25550	1	0.22	Construction	
3	2027	0.09084	1.1	230	1	250	25550	1	0.22		
4	2028	0.01003	1.1	230	1	250	25550	1	0.02		
5	2029	0.01003	1.1	230	1	250	25550	1	0.02		
6	2030	0.01003	1.1	230	1	250	25550	1	0.02		
7	2031	0.01003	1.1	230	1	250	25550	1	0.02		
8	2032	0.01003	1.1	230	1	250	25550	1	0.02		
9	2033	0.01003	1.1	230	1	250	25550	1	0.02		
10	2034	0.01003	1.1	230	1	250	25550	1	0.02		
11	2035	0.01003	1.1	230	1	250	25550	1	0.02		
12	2036	0.01003	1.1	230	1	250	25550	1	0.02		
13	2037	0.01003	1.1	230	1	250	25550	1	0.02		
14	2038	0.01003	1.1	230	1	250	25550	1	0.02		
15	2039	0.01003	1.1	230	1	250	25550	1	0.02	Operation	
16	2040	0.01003	1.1	230	1	250	25550	1	0.02		
17	2041	0.01003	1.1	230	1	250	25550	1	0.02		
18	2042	0.01003	1.1	230	1	250	25550	1	0.02		
19	2043	0.01003	1.1	230	1	250	25550	1	0.02		
20	2044	0.01003	1.1	230	1	250	25550	1	0.02		
21	2045	0.01003	1.1	230	1	250	25550	1	0.02		
22	2046	0.01003	1.1	230	1	250	25550	1	0.02		
23	2047	0.01003	1.1	230	1	250	25550	1	0.02		
24	2048	0.01003	1.1	230	1	250	25550	1	0.02		
25	2049	0.01003	1.1	230	1	250	25550	1	0.02		
25	2050	0.01003	1.1	230	0.25	250	25550	1	0.01		

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Residential	30-year Exposure								Total	Chronic Non-cancer
		Construction:	0.02336							Cancer risk	Hazard	
		Operational:	0.00870							9.654	0.004672	
		Maximum									Operational	
		DPM	CPF	DBR	ED	EF	AT	TAH	ASF	Risk		
Year	Year	(ug/m3)	(mg/kg-day)^-1	(l/kg-day)	(years)	(days)	(years)	(%)		(risk/million)		
3rd Trimester	2025	0.02336	1.1	361	0.25	250	25550	1	10	0.23	Construction	
1	2025	0.02336	1.1	1090	0.08	250	25550	1	10	0.23		
2	2026	0.02336	1.1	1090	0.91	250	25550	1	10	2.49		
2	2026	0.00870	1.1	1090	0.71	350	25550	1	10	1.01		
3	2027	0.00870	1.1	1090	1	350	25550	1	10	1.43		
4	2028	0.00870	1.1	745	1	350	25550	1	3	0.29		
5	2029	0.00870	1.1	745	1	350	25550	1	3	0.29		
6	2030	0.00870	1.1	745	1	350	25550	1	3	0.29		
7	2031	0.00870	1.1	745	1	350	25550	1	3	0.29		
8	2032	0.00870	1.1	745	1	350	25550	1	3	0.29		
9	2033	0.00870	1.1	745	1	350	25550	1	3	0.29		
10	2034	0.00870	1.1	745	1	350	25550	1	3	0.29		
11	2035	0.00870	1.1	745	1	350	25550	1	3	0.29		
12	2036	0.00870	1.1	745	1	350	25550	1	3	0.29		
13	2037	0.00870	1.1	745	1	350	25550	1	3	0.29		
14	2038	0.00870	1.1	745	1	350	25550	1	3	0.29		
15	2039	0.00870	1.1	745	1	350	25550	1	3	0.29		
16	2040	0.00870	1.1	745	1	350	25550	1	3	0.29		
17	2041	0.00870	1.1	335	1	350	25550	0.73	1	0.03	Operation	
18	2042	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
19	2043	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
20	2044	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
21	2045	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
22	2046	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
23	2047	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
24	2048	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
25	2049	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
26	2050	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
27	2051	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
28	2052	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
29	2053	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
30	2054	0.00870	1.1	335	1	350	25550	0.73	1	0.03		
30	2055	0.00870	1.1	335	0.5	350	25550	0.73	1	0.02		

205th St Torrance

Cancer Risk Calculation - Location of Max Risk

SCAQMD Guidance		Worker	25-year Exposure							Total Cancer risk	Chronic Non-cancer Hazard
		Construction:	0.02094							0.695	0.004188
		Operational:	0.01003								
		Maximum DPM (ug/m3)	CPF (mg/kg-day)^-1	95% DBR (l/kg-day)	ED (years)	EF (days)	AT (years)	ASF	Operational Risk (risk/million)		
Year	Year										
1	2025	0.02094	1.1	230	0.75	250	25550	1	0.04		
2	2026	0.02094	1.1	230	1	250	25550	1	0.05	Construction	
3	2027	0.02094	1.1	230	1	250	25550	1	0.05		
4	2028	0.01003	1.1	230	1	250	25550	1	0.02		
5	2029	0.01003	1.1	230	1	250	25550	1	0.02		
6	2030	0.01003	1.1	230	1	250	25550	1	0.02		
7	2031	0.01003	1.1	230	1	250	25550	1	0.02		
8	2032	0.01003	1.1	230	1	250	25550	1	0.02		
9	2033	0.01003	1.1	230	1	250	25550	1	0.02		
10	2034	0.01003	1.1	230	1	250	25550	1	0.02		
11	2035	0.01003	1.1	230	1	250	25550	1	0.02		
12	2036	0.01003	1.1	230	1	250	25550	1	0.02		
13	2037	0.01003	1.1	230	1	250	25550	1	0.02		
14	2038	0.01003	1.1	230	1	250	25550	1	0.02		
15	2039	0.01003	1.1	230	1	250	25550	1	0.02	Operation	
16	2040	0.01003	1.1	230	1	250	25550	1	0.02		
17	2041	0.01003	1.1	230	1	250	25550	1	0.02		
18	2042	0.01003	1.1	230	1	250	25550	1	0.02		
19	2043	0.01003	1.1	230	1	250	25550	1	0.02		
20	2044	0.01003	1.1	230	1	250	25550	1	0.02		
21	2045	0.01003	1.1	230	1	250	25550	1	0.02		
22	2046	0.01003	1.1	230	1	250	25550	1	0.02		
23	2047	0.01003	1.1	230	1	250	25550	1	0.02		
24	2048	0.01003	1.1	230	1	250	25550	1	0.02		
25	2049	0.01003	1.1	230	1	250	25550	1	0.02		
25	2050	0.01003	1.1	230	0.25	250	25550	1	0.01		